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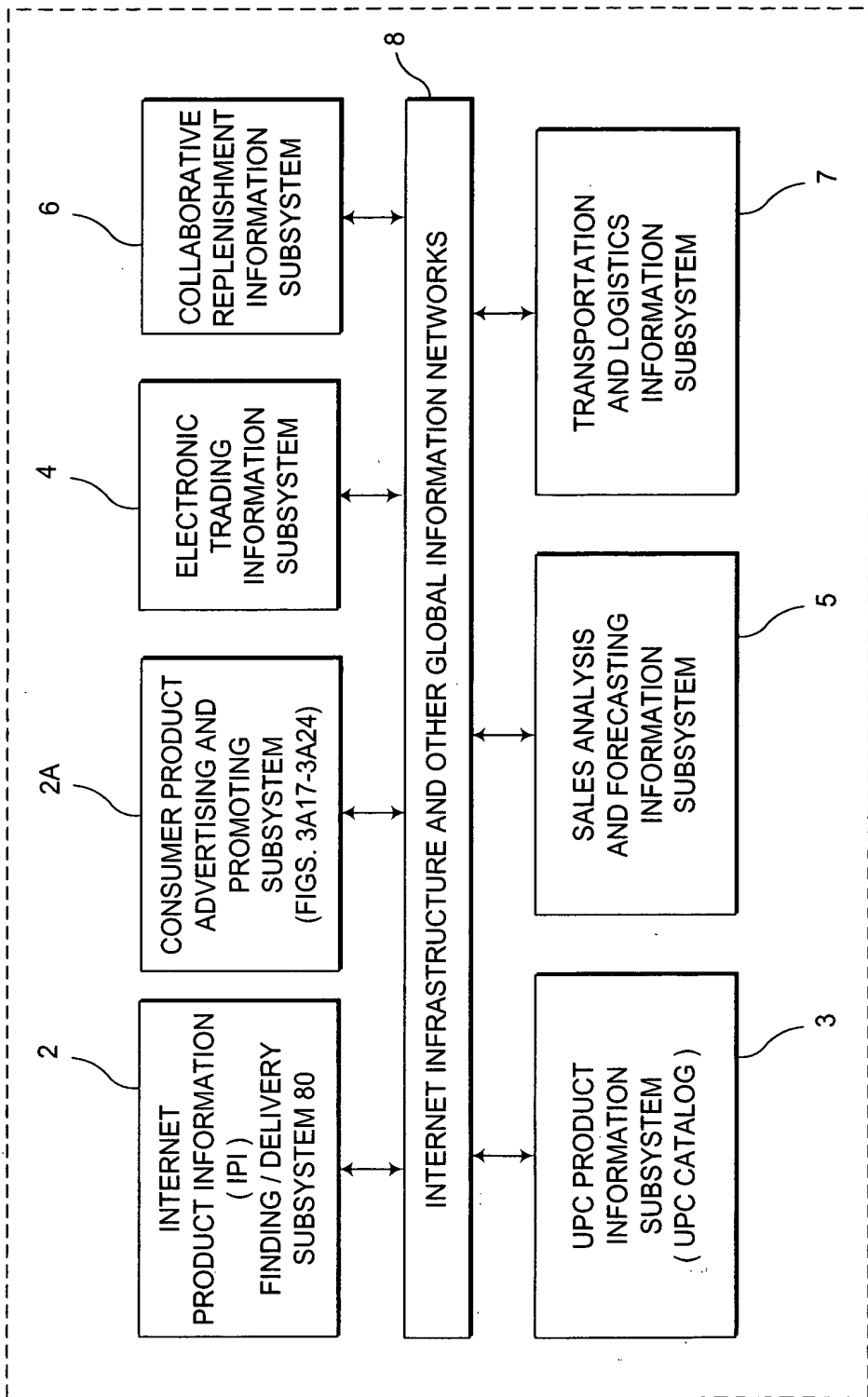


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1 First Illustrative Embodiment

FIG. 1

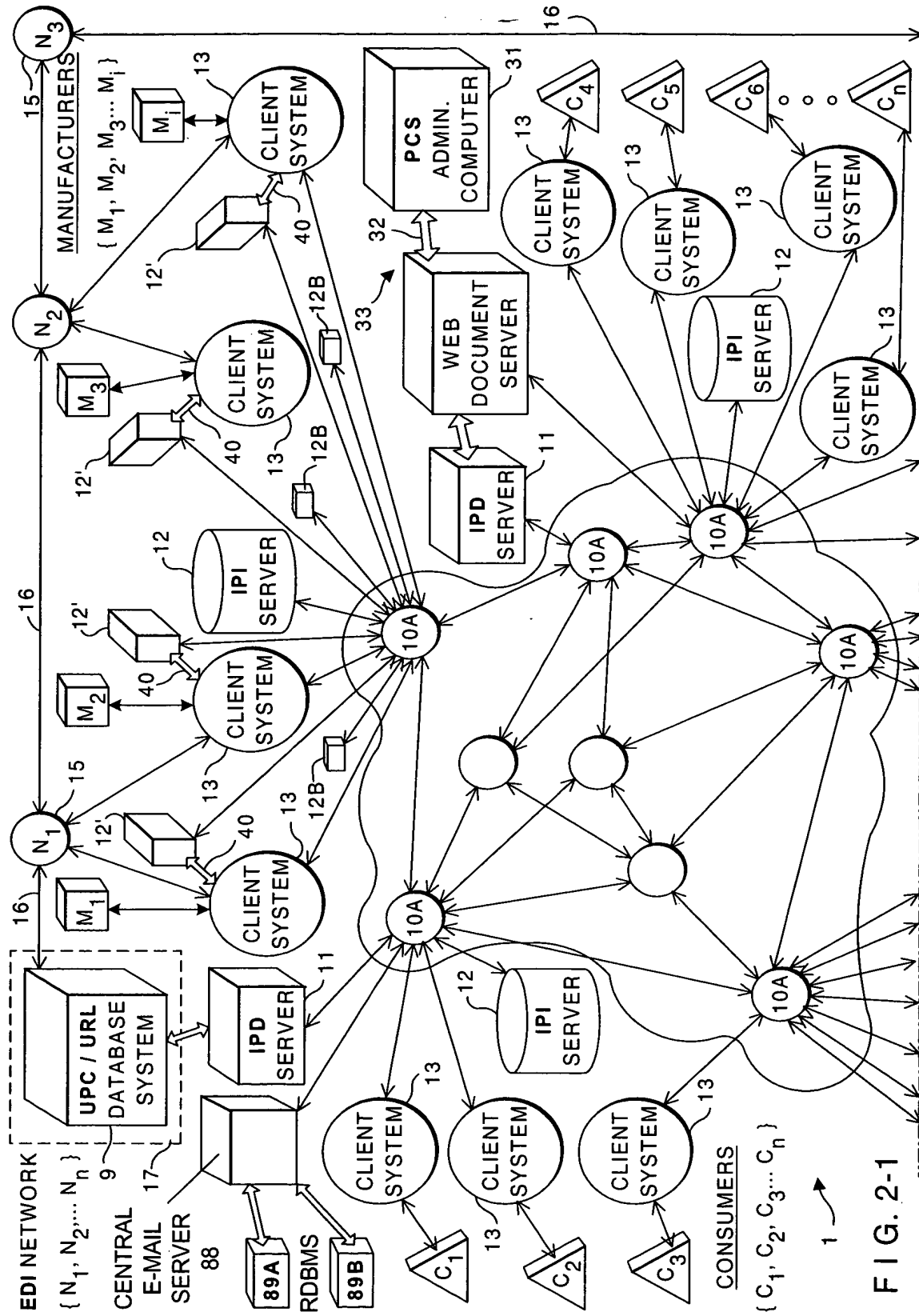


FIG. 2-1

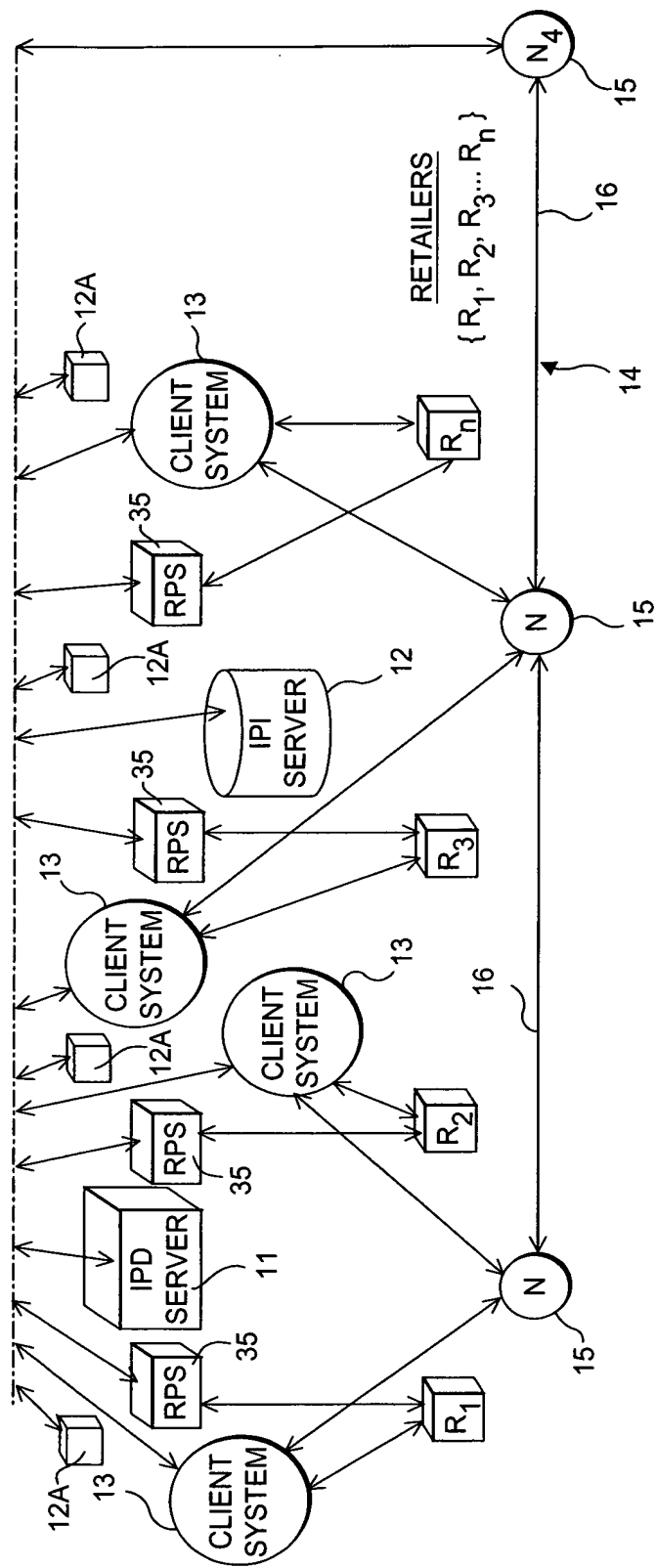


FIG. 2-2

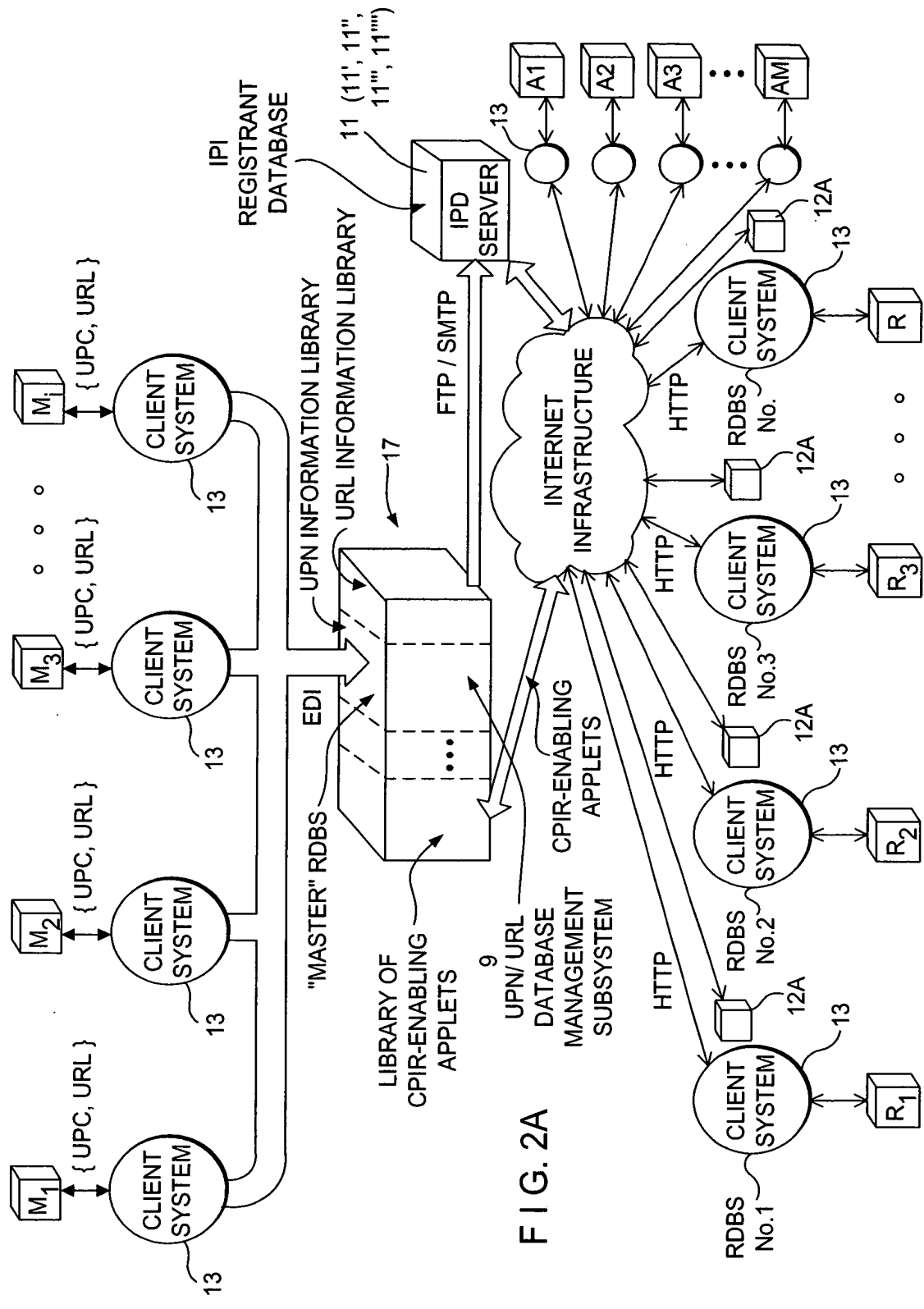


FIG. 2A

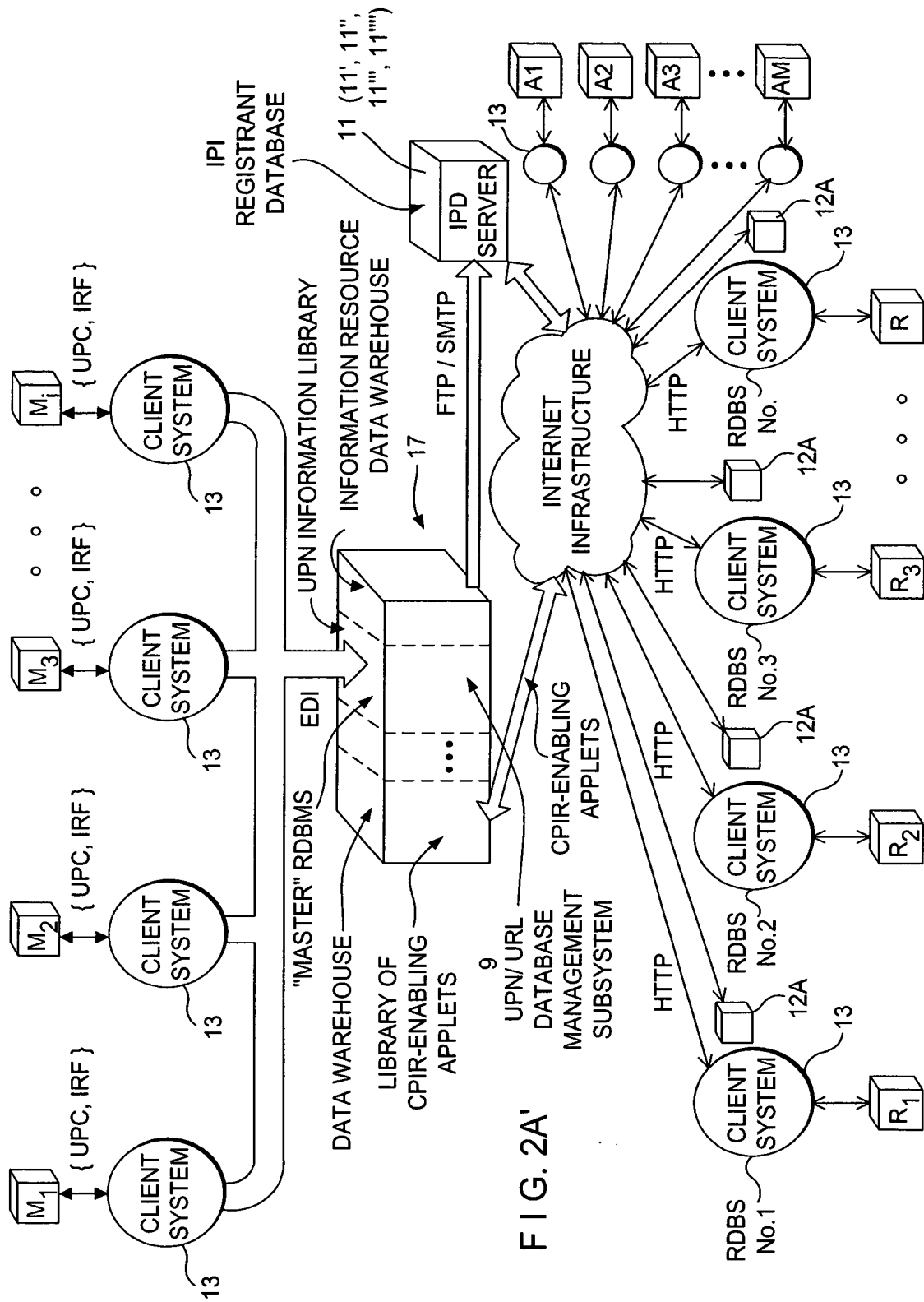


FIG. 2A'

MECHANISM FOR ACCESSING CONSUMER PRODUCT INFORMATION FROM RDBMS
 SERVER USING SERVER-SIDE APPLETS EMBEDDED IN HTML DOCUMENTS

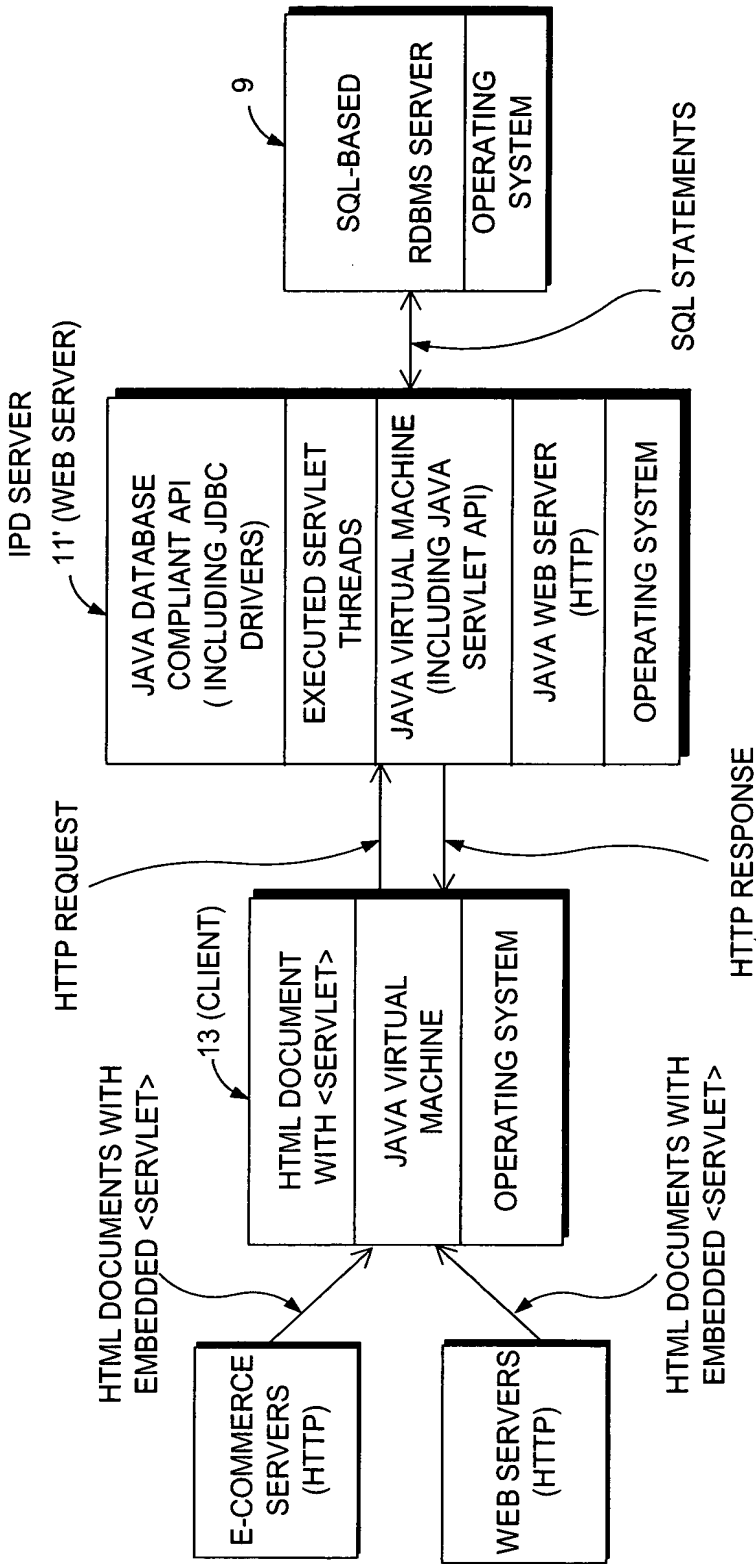


FIG. 2B1

MECHANISM FOR ACCESSING CONSUMER PRODUCT INFORMATION FROM RDBMS
 SERVER USING CLIENT-SIDE APPLETS EMBEDDED IN HTML DOCUMENTS AND CGIs

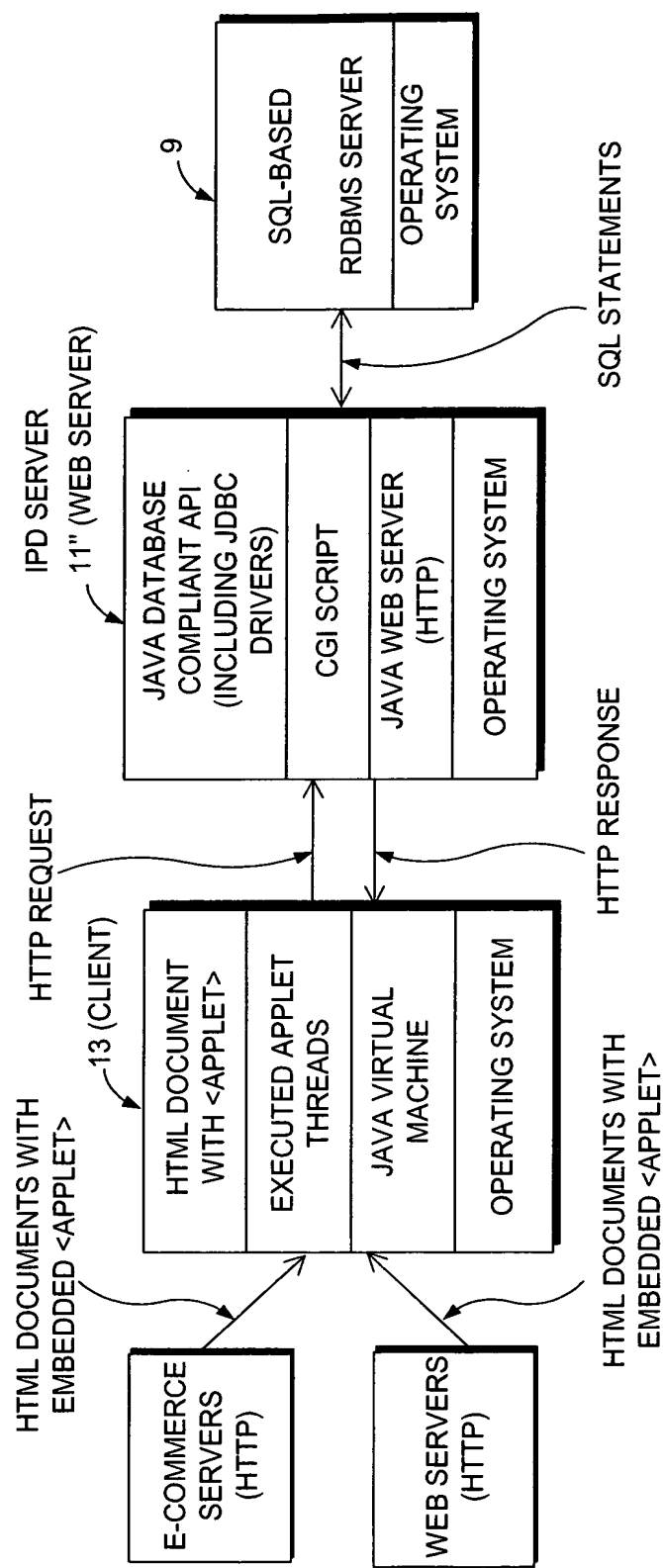


FIG. 2B2

MECHANISM FOR ACCESSING CONSUMER PRODUCT INFORMATION FROM RDBMS SERVER USING
CLIENT-SIDE APPLETS EMBEDDED IN HTML DOCUMENTS AND SOCKET CONNECTIONS

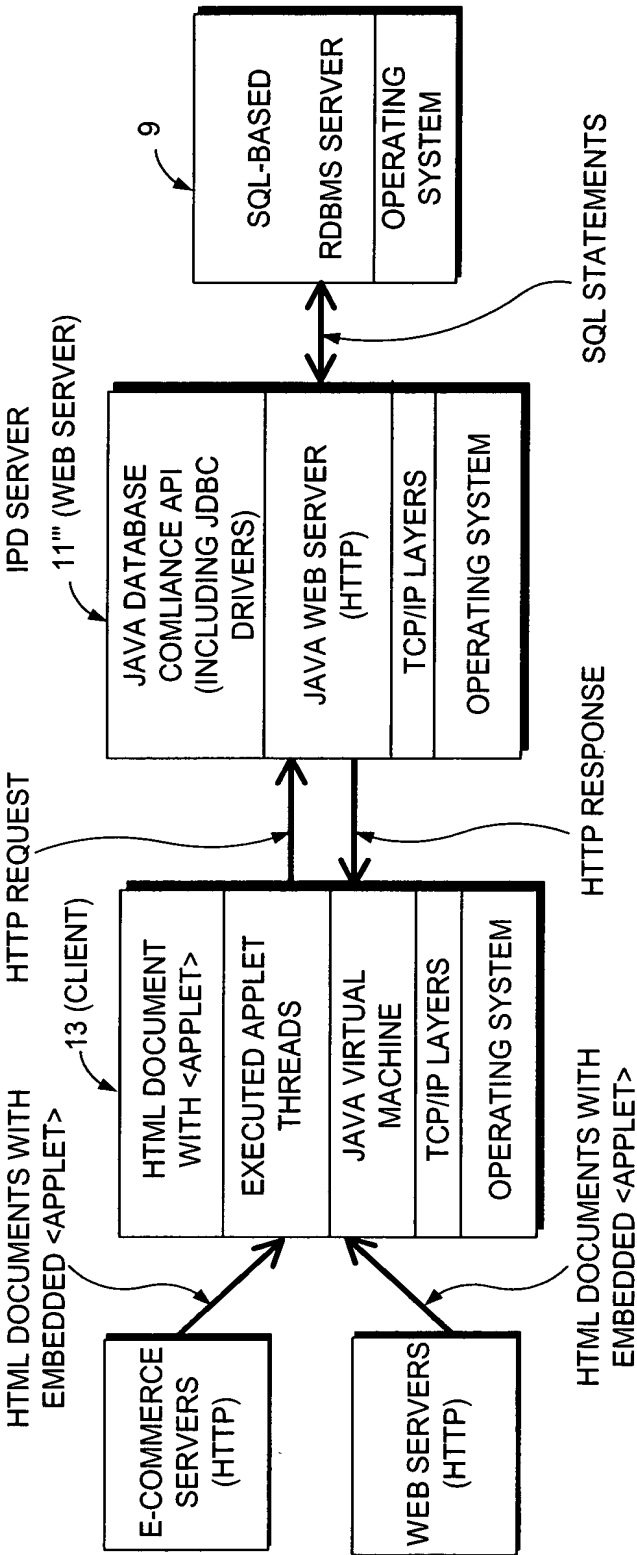


FIG. 2B3

MECHANISM FOR ACCESSING CONSUMER PRODUCT INFORMATION FROM
RDBMS SERVER USING CLIENT-SIDE APPLETS EMBEDDED IN HTML DOCUMENTS
AND REMOTE METHOD OF INVOCATION (RMI) ON JAVA WEB SERVER

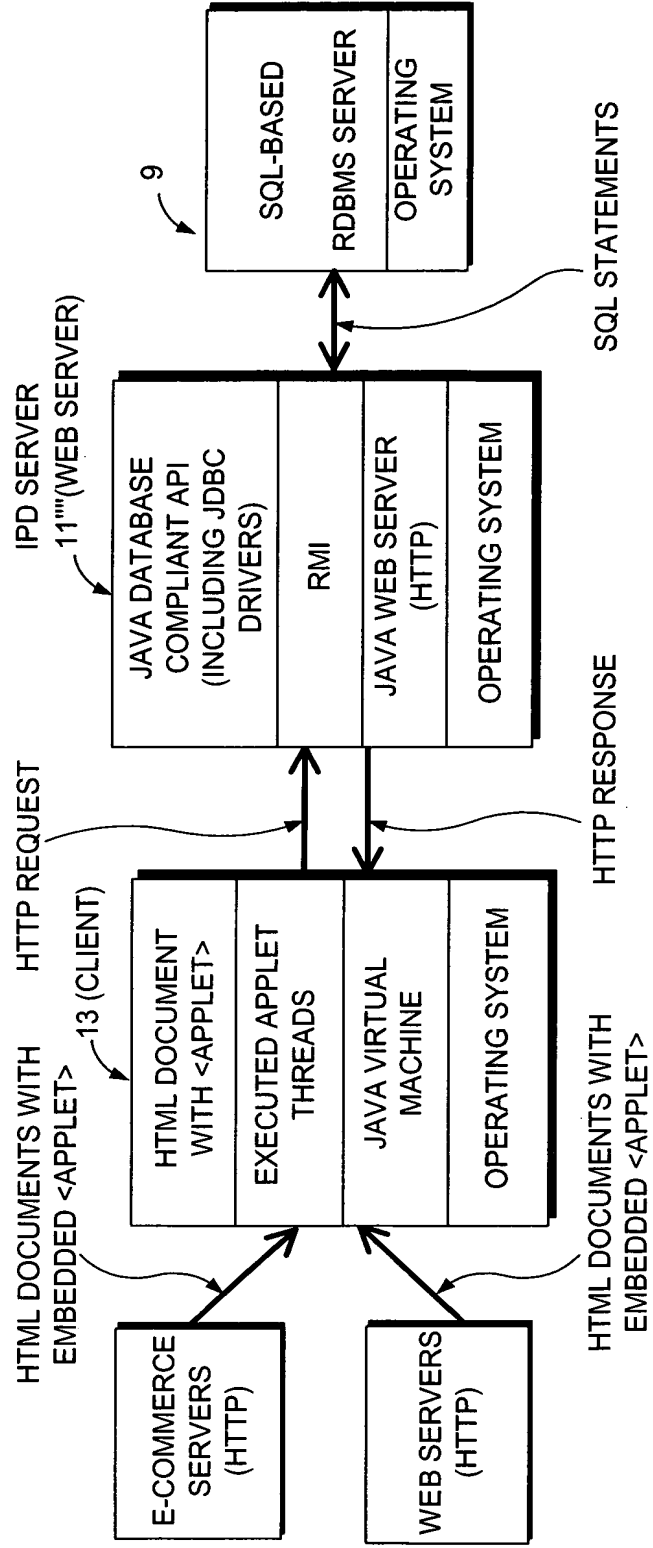


FIG. 2B4

DISTRIBUTED METHOD AND SYSTEM OF UPC/URL MANAGEMENT OVER A LAN OR WAN

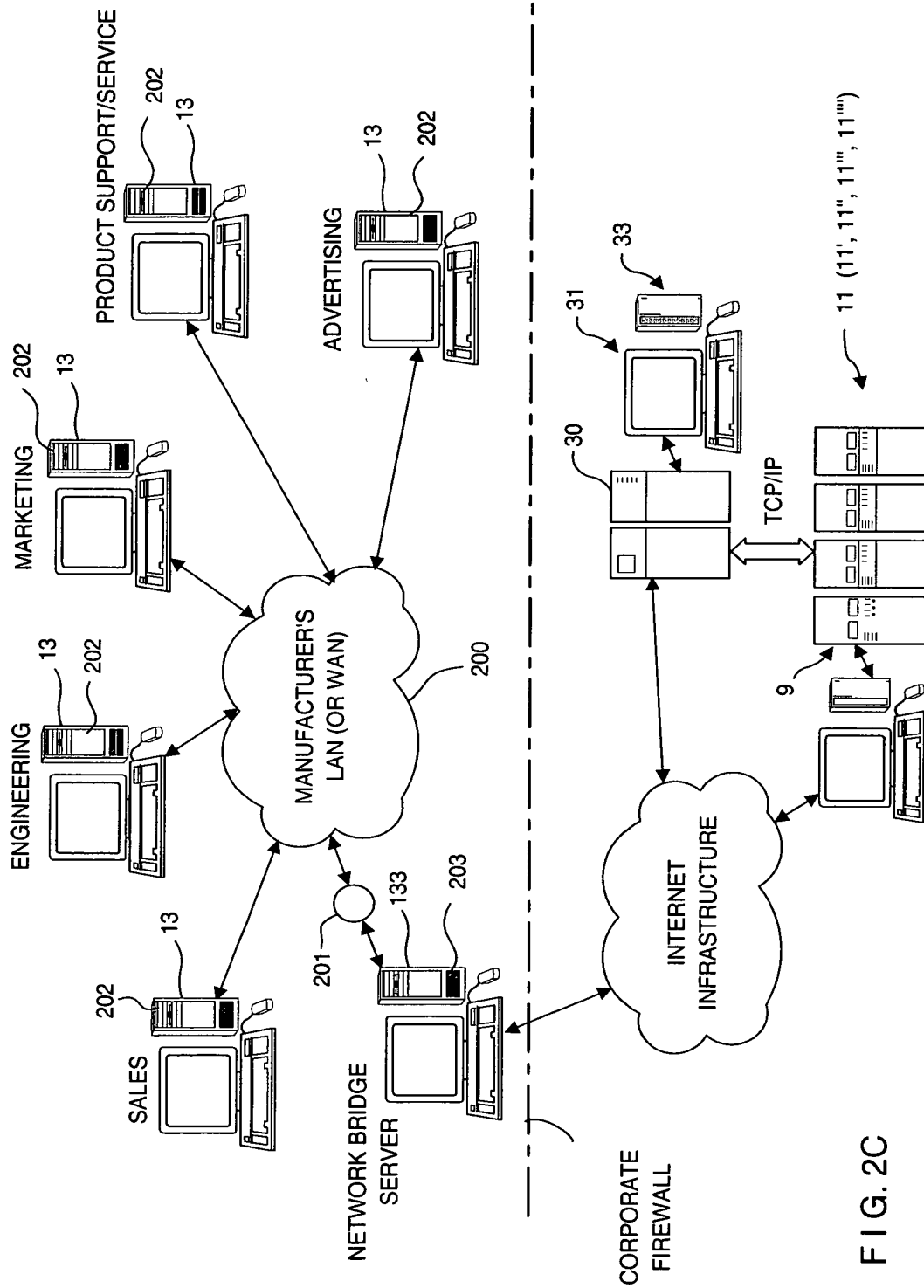


FIG. 2C

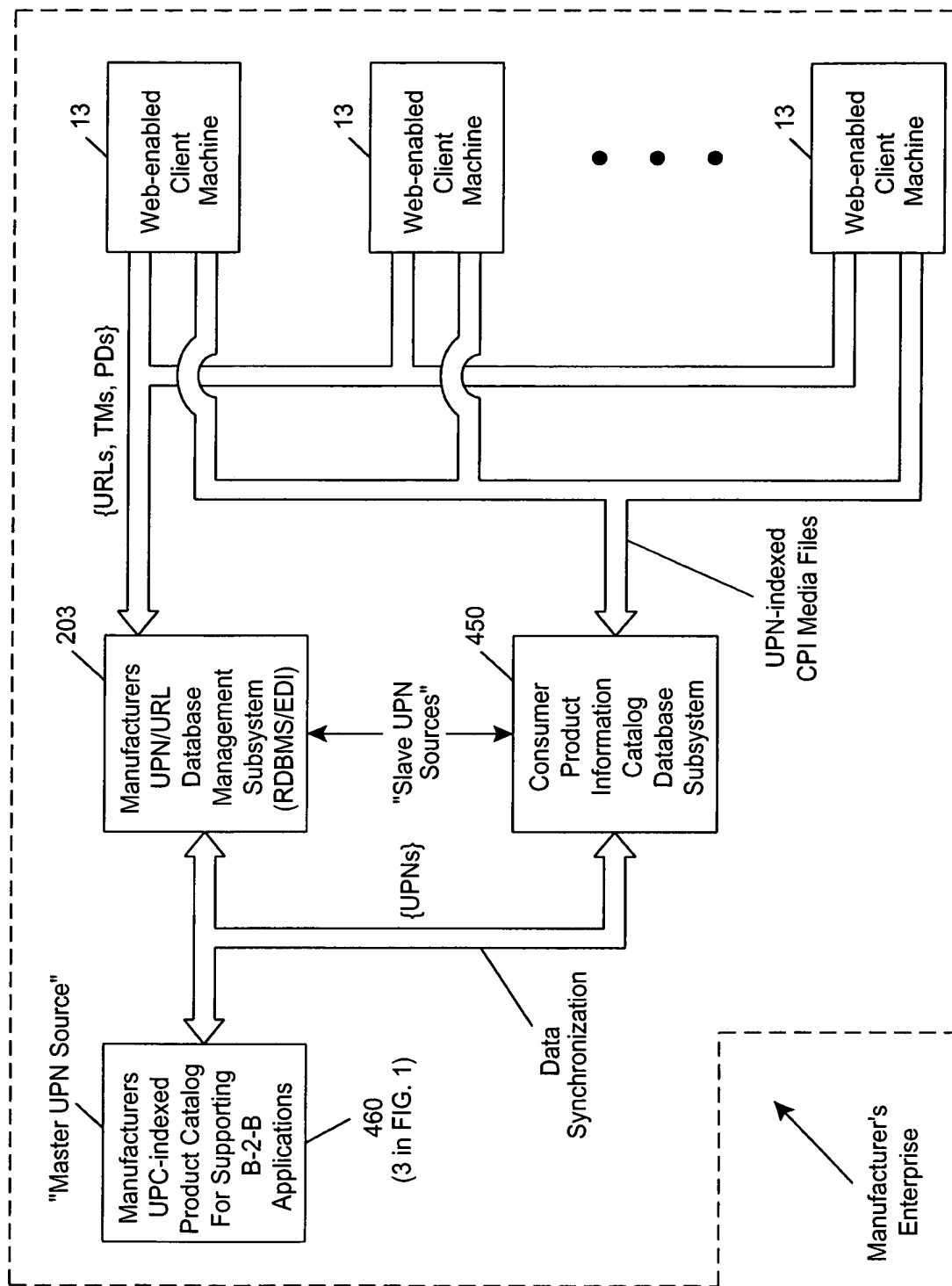


FIG. 2C2

Brandlinx™
CPI LCMT
Software

UPN

TM 1

Pre Purchase

URL CAT 1

URL 1,1

URL 1,2

URL

TM 2

URL CAT 2

URL 2,1

URL 2,2

URL

URL CAT 3

URL 3,1

URL 3,2

URL

URL CAT 4

URL 4,1

URL 4,2

URL

PD

Post Purchase

URL CAT 5

URL 5,1

URL 5,2

URL

URL CAT 6

URL 6,1

URL 6,2

URL

URL CAT 7

URL 7,1

URL 7,2

URL

URL CAT 8

URL 8,1

URL 8,2

URL

FIG. 2C3

DISTRIBUTED METHOD AND SYSTEM OF UPC/URL MANAGEMENT OVER A LAN OR WAN

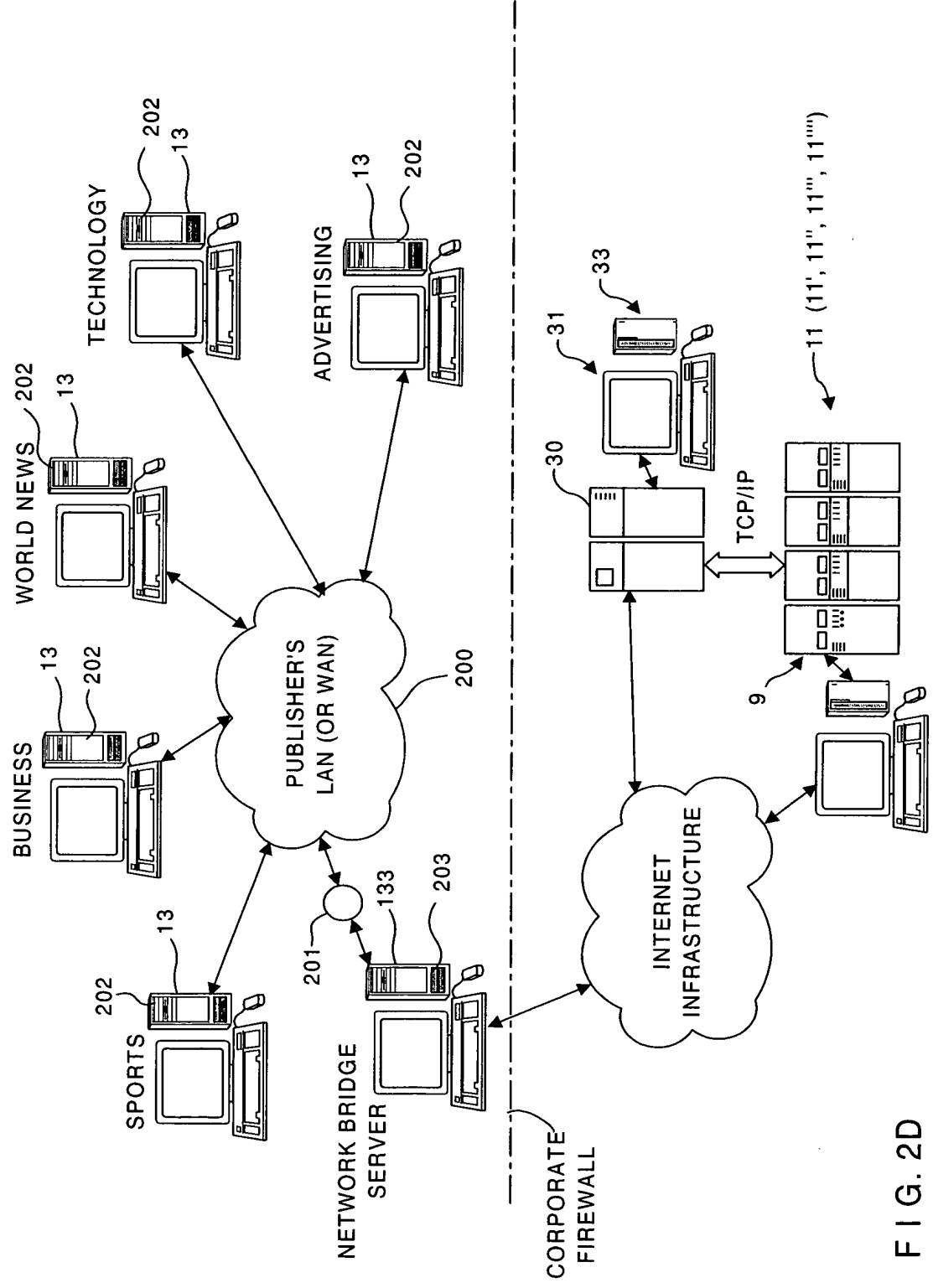


FIG. 2D

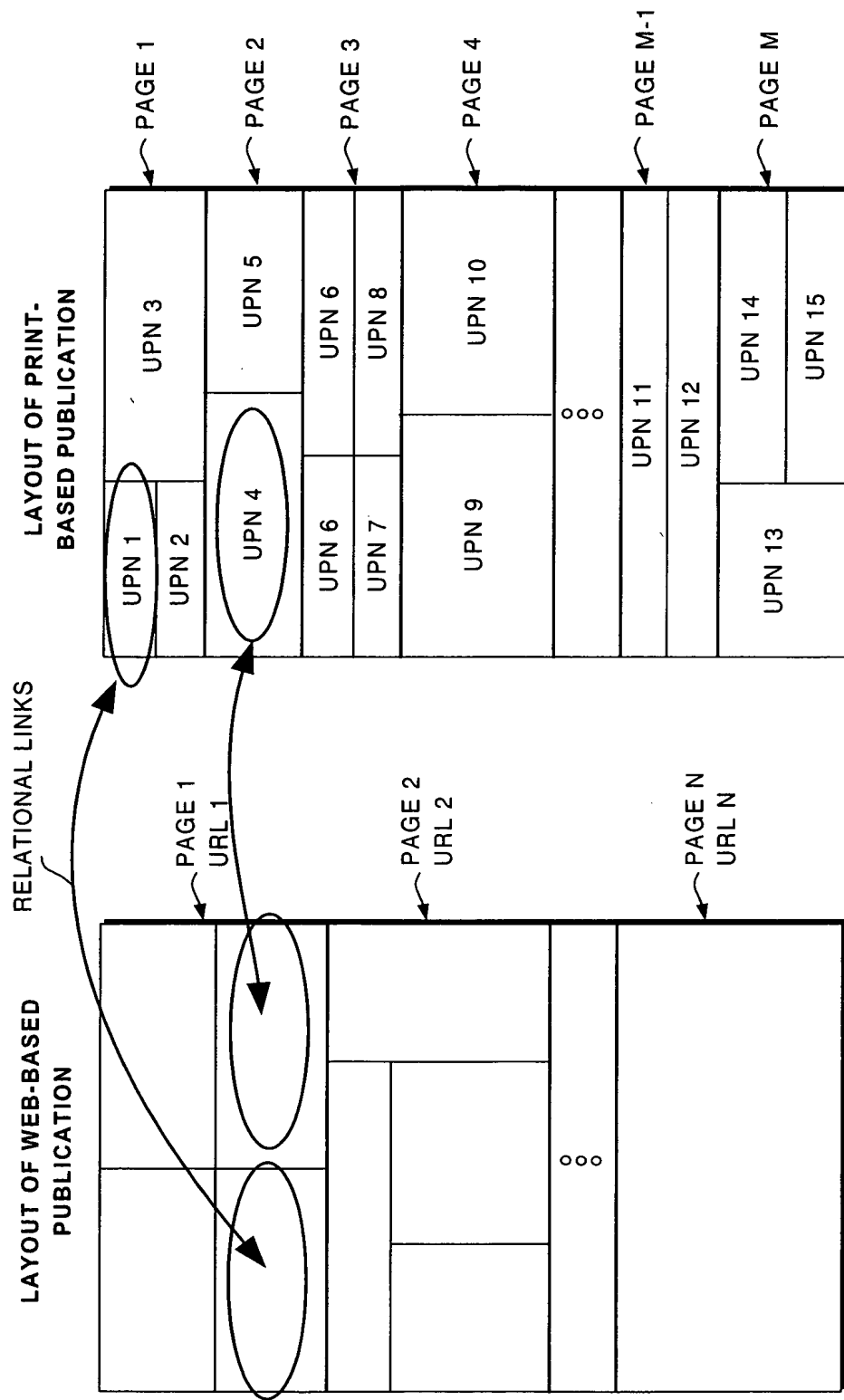


FIG. 2E1

FIG. 2E2

UPN/URL LINKS	
UPN	URL
UPN 1	URL 1
UPN 2	URL 2
UPN 3	URL 3
UPN 4	URL 4
UPN 5	URL 5
UPN 6	URL 6
UPN 7	URL 7
UPN 8	URL 8
UPN 9	URL 9
UPN 10	URL 10
UPN 11	URL 11
UPN 12	URL 12
UPN 13	URL 13
⋮	⋮
UPN N	URL N
UPN N-1	URL N-1

400

FIG. 2E3

COMPOSITION/EDITORIAL MODE

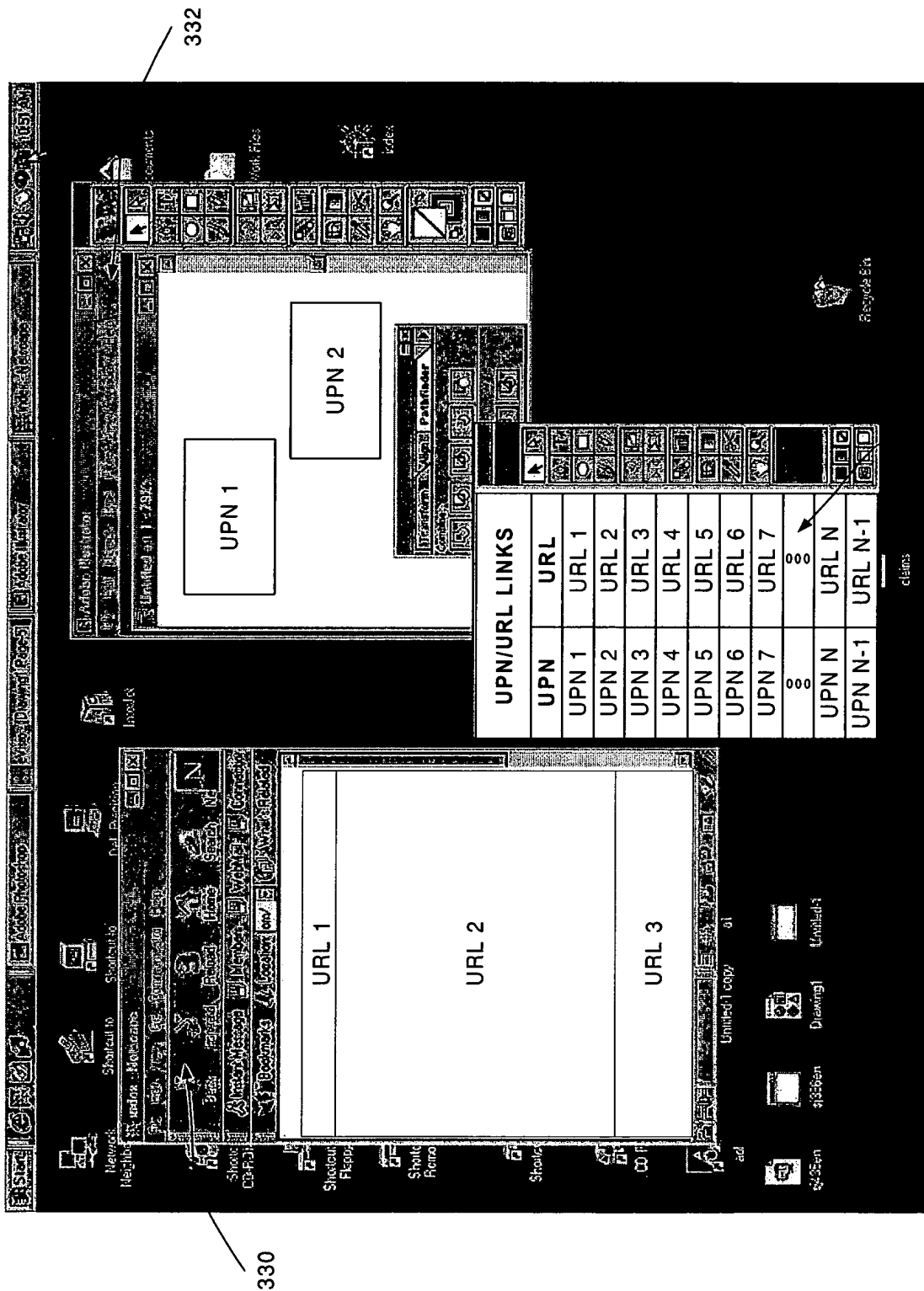


FIG. 2E4

UPN/URL DATA LINKING MODE

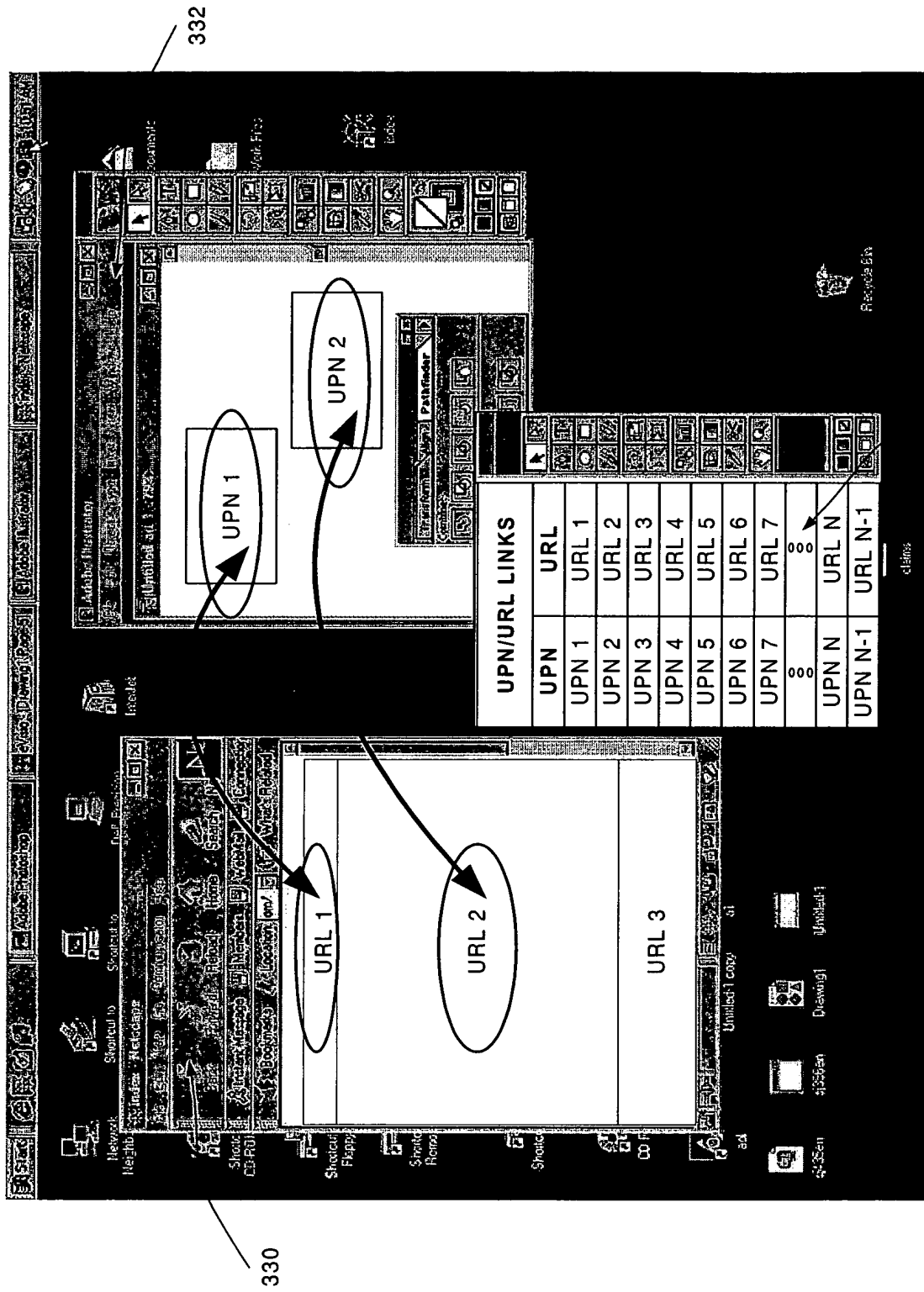


FIG. 2E5

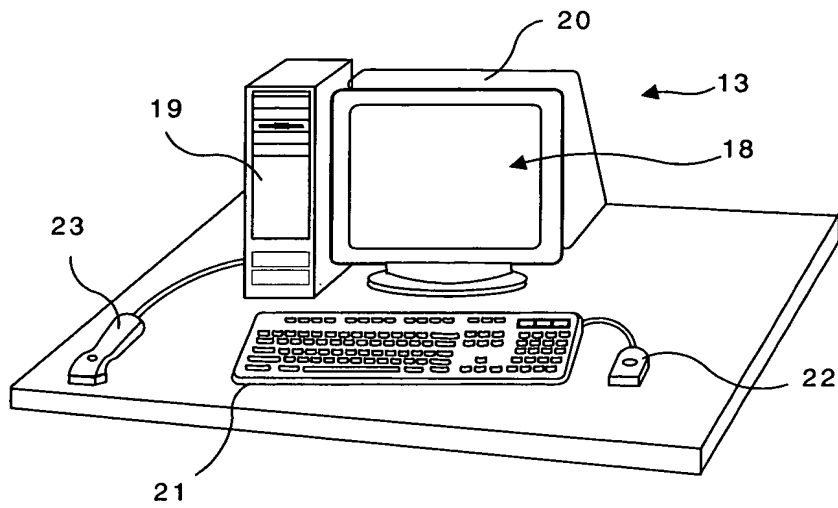


FIG. 3A1

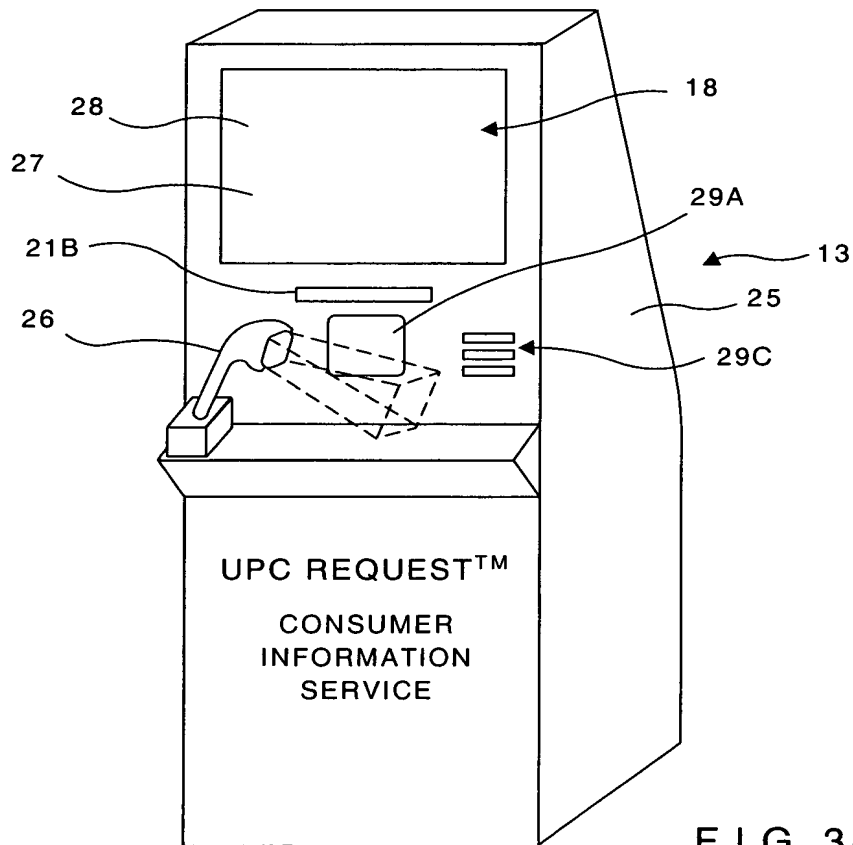
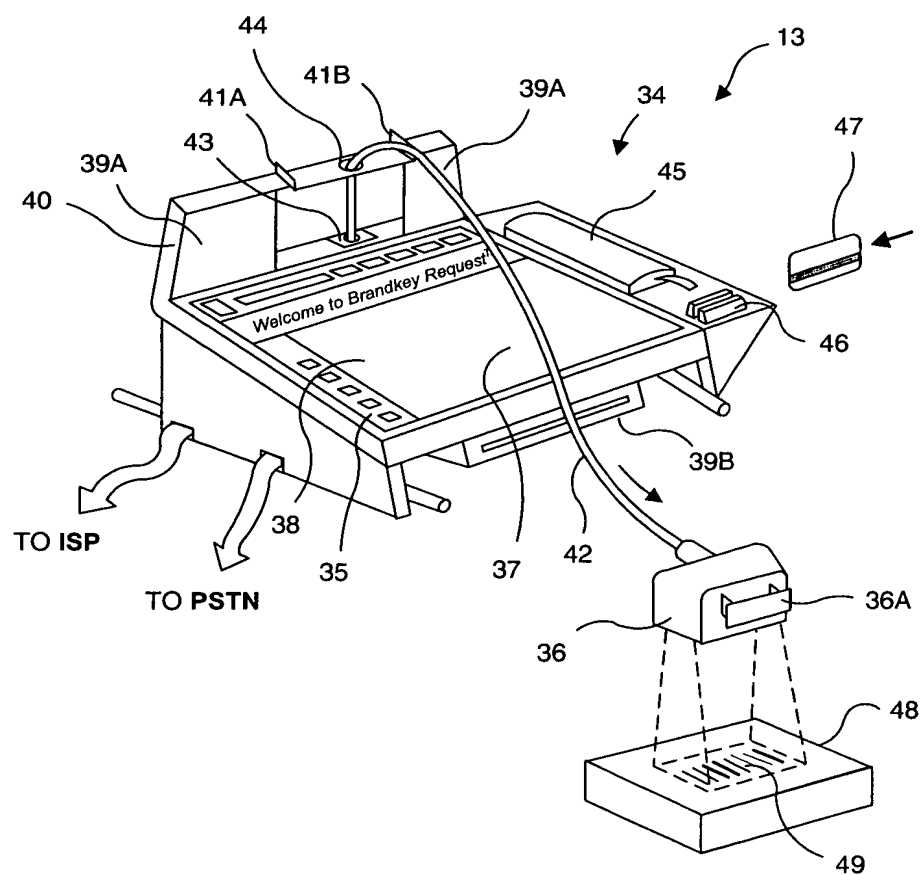
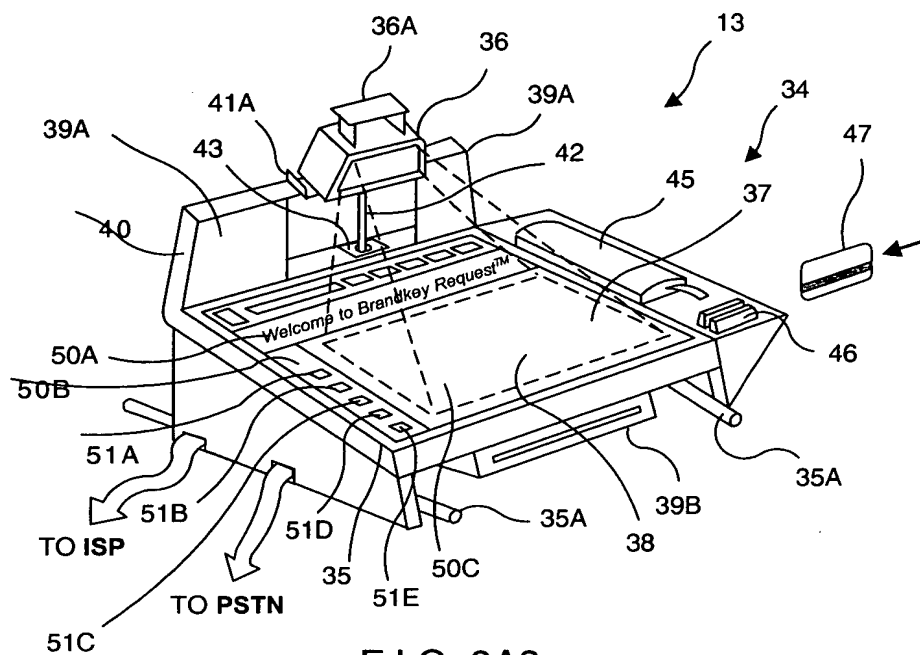


FIG. 3A2



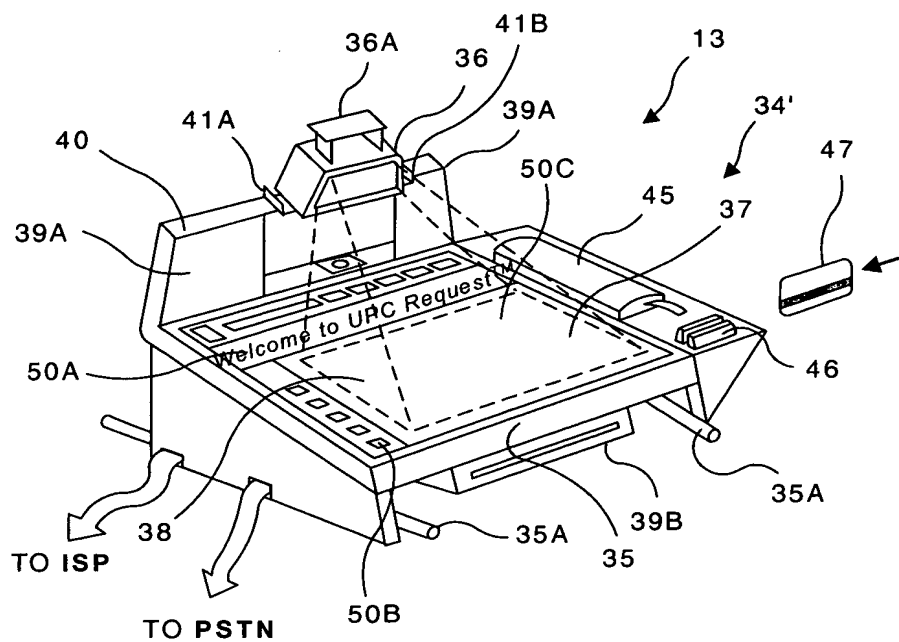


FIG. 3A4

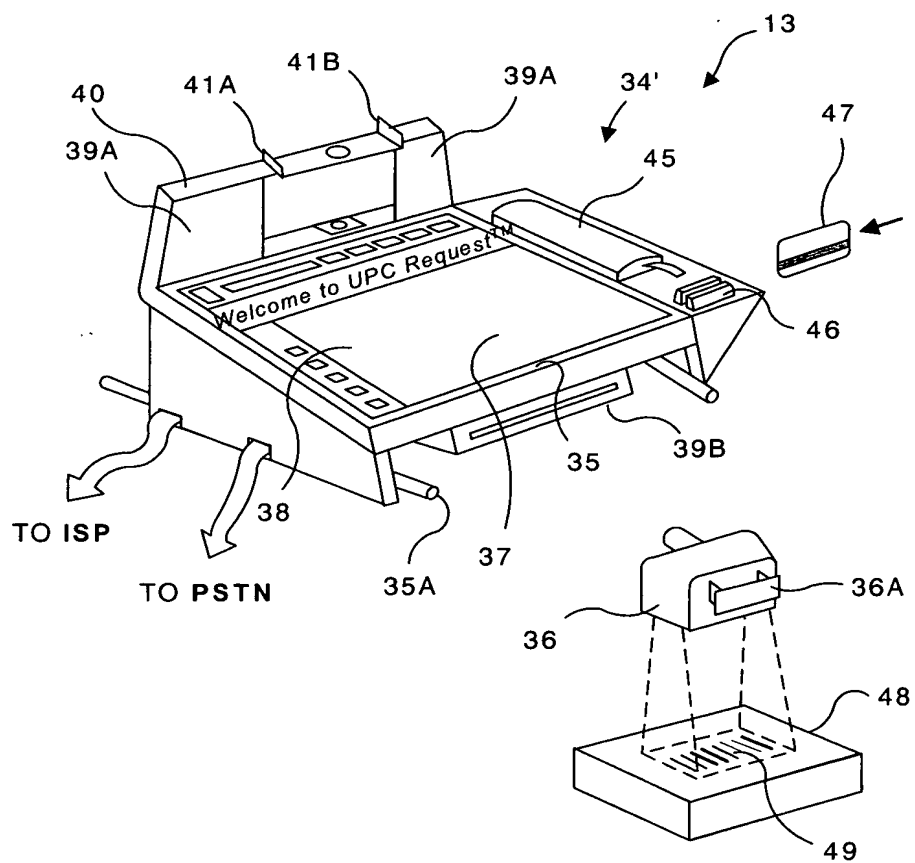


FIG. 3A4'

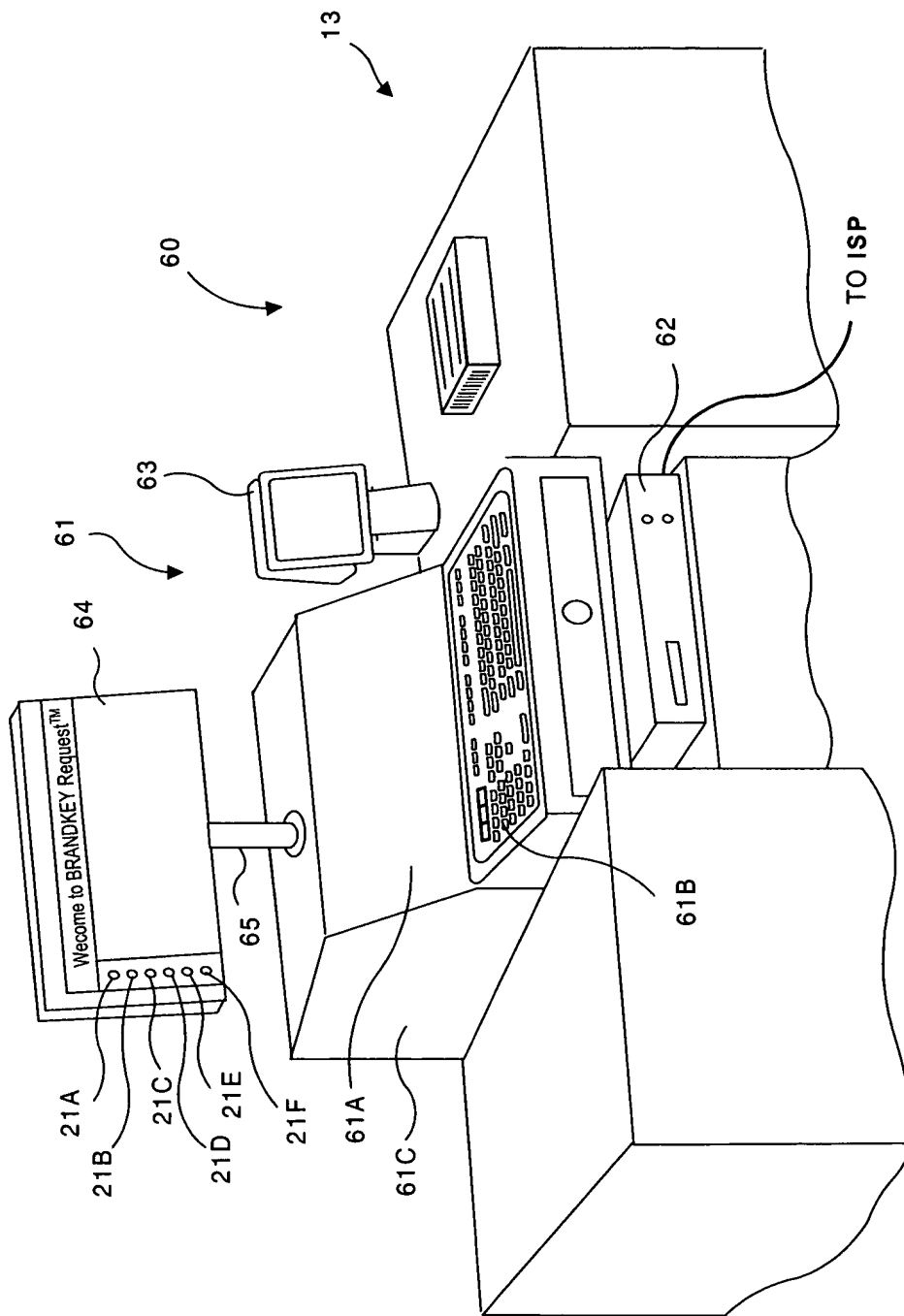


FIG. 3A5

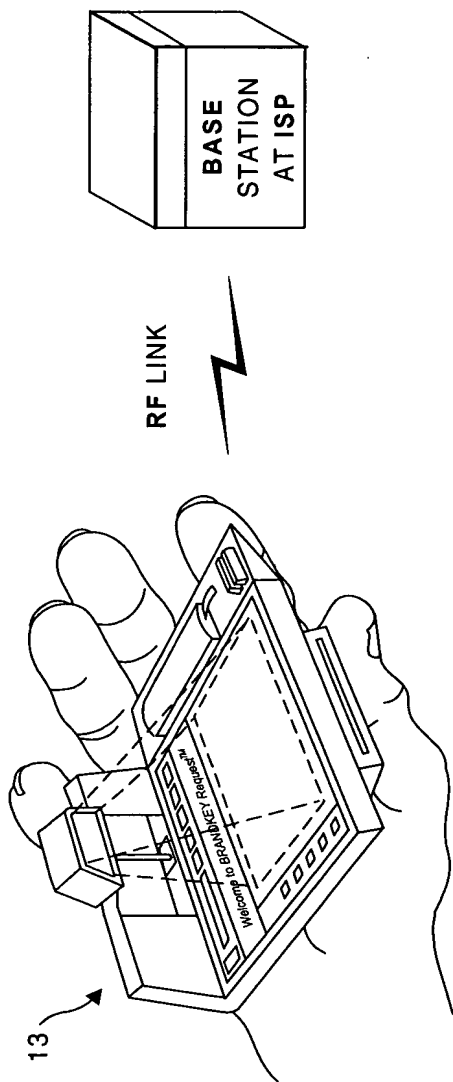


FIG. 3A6

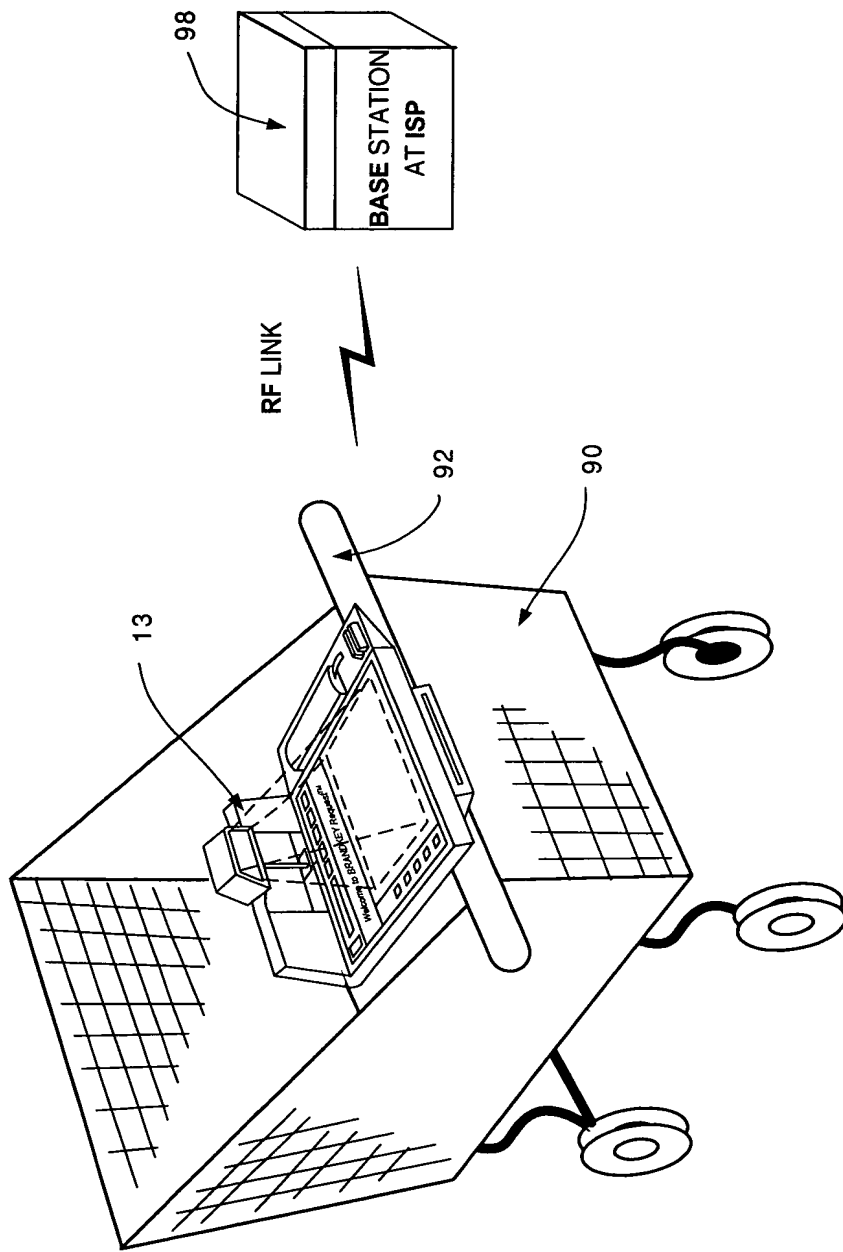


FIG. 3A7

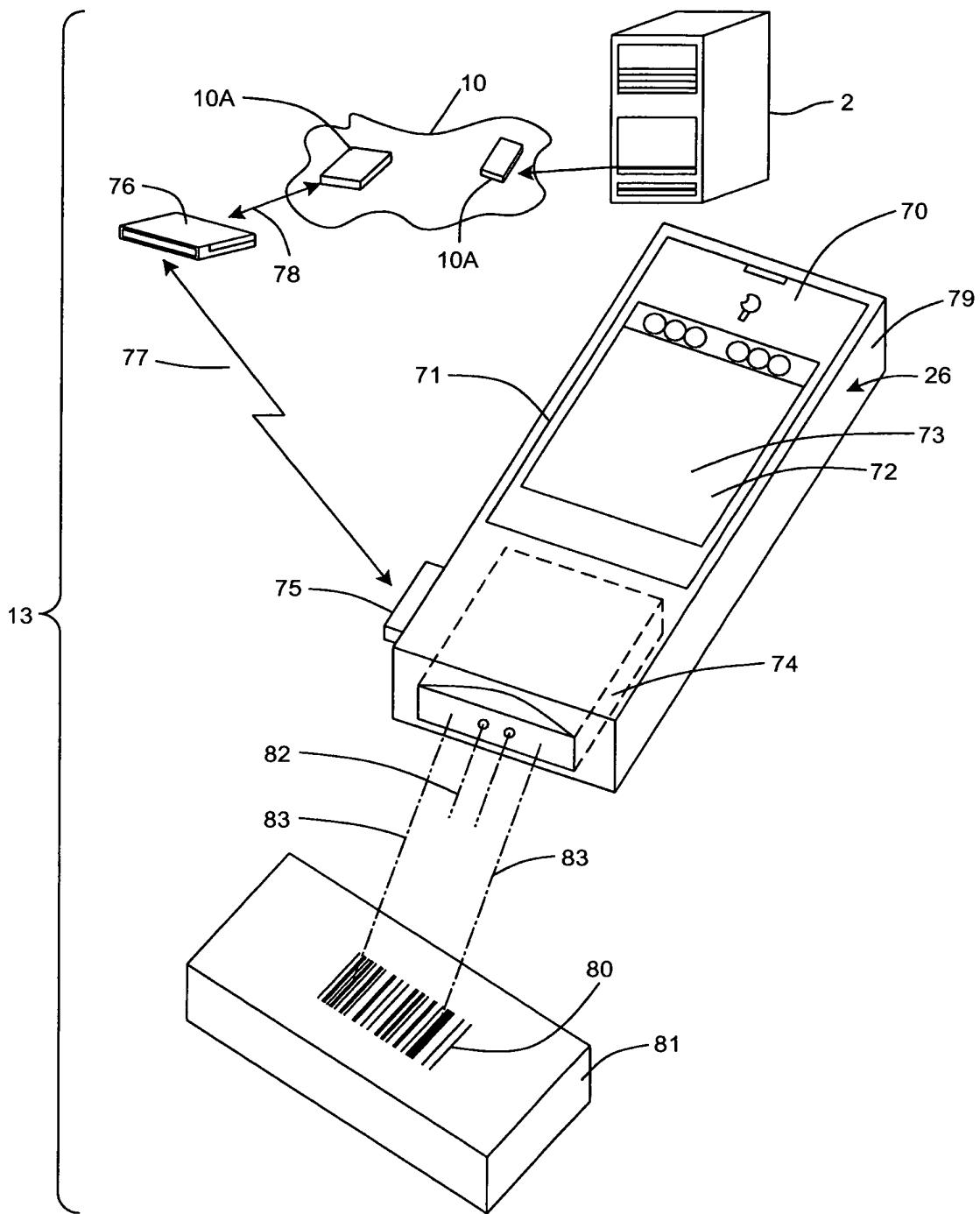


FIG. 3A8

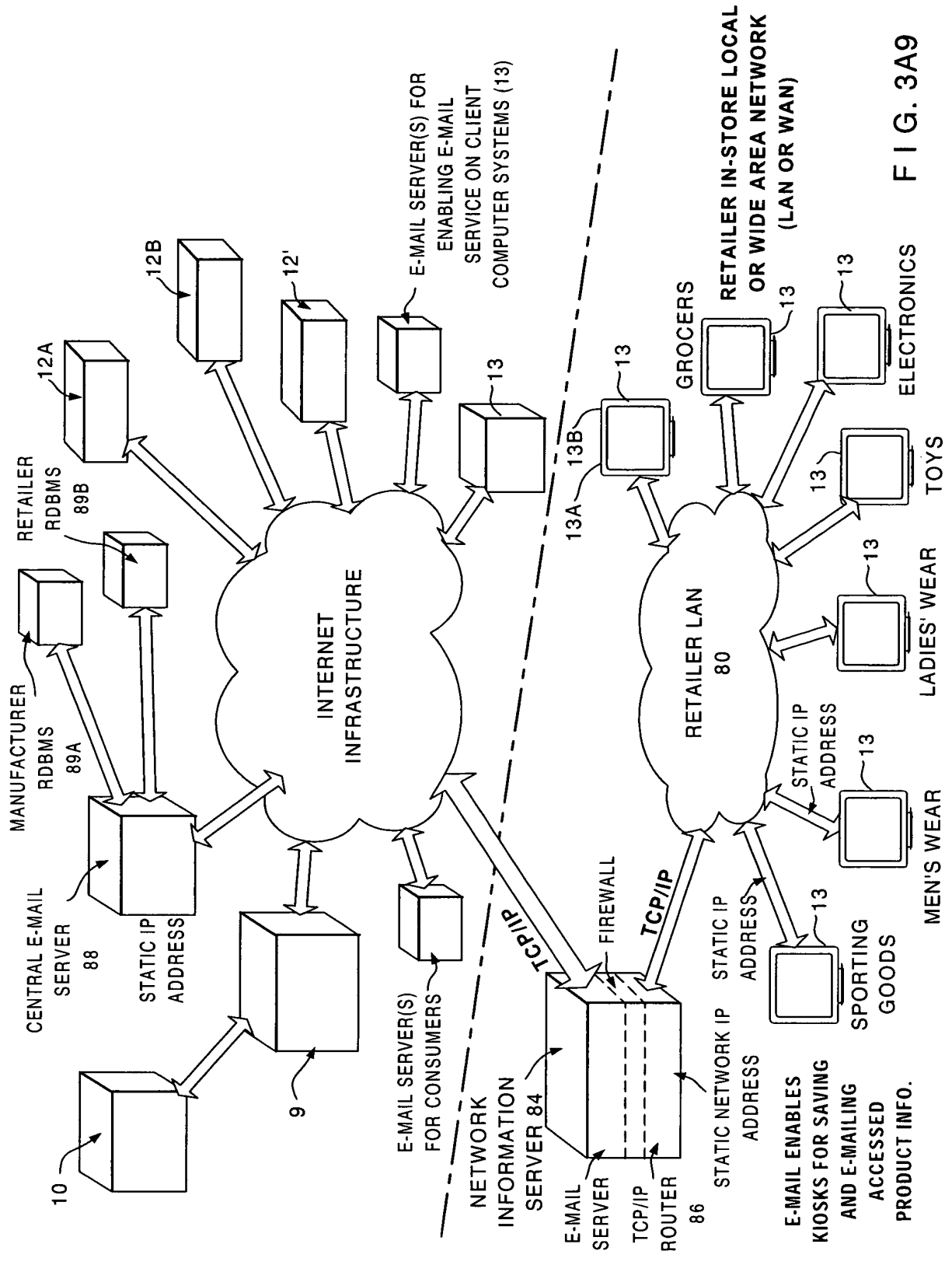


FIG. 3A9

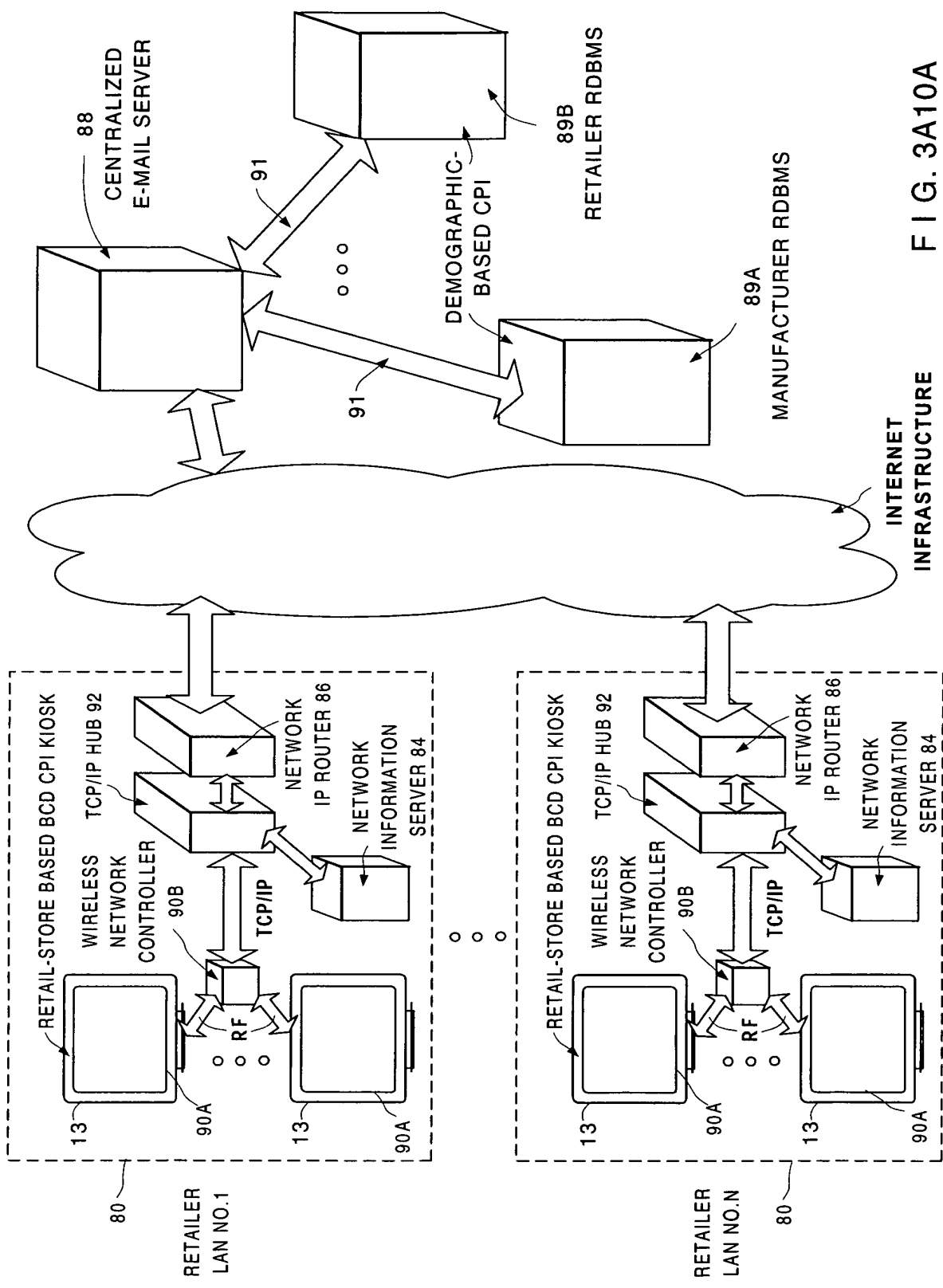


FIG. 3A10A

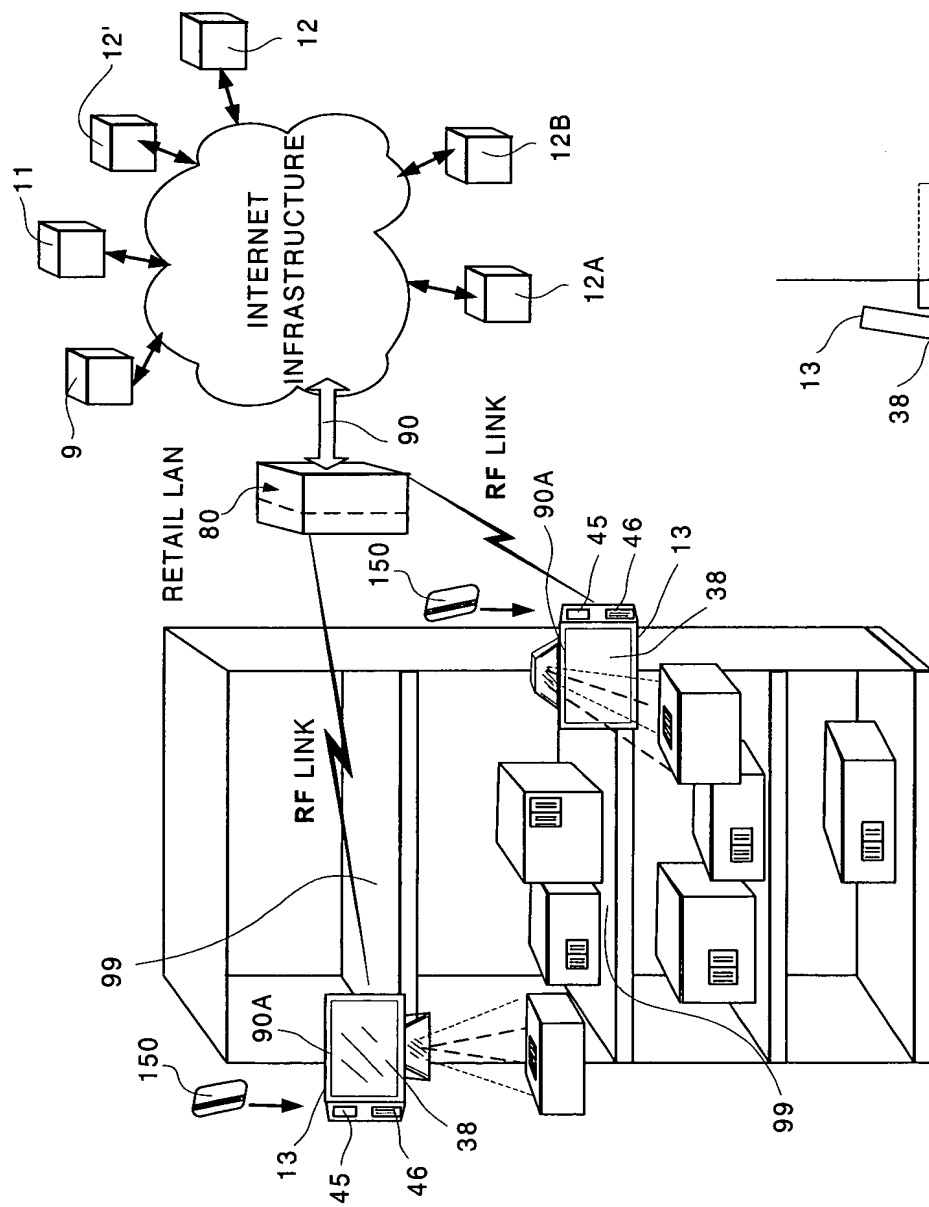


FIG. 3A10B

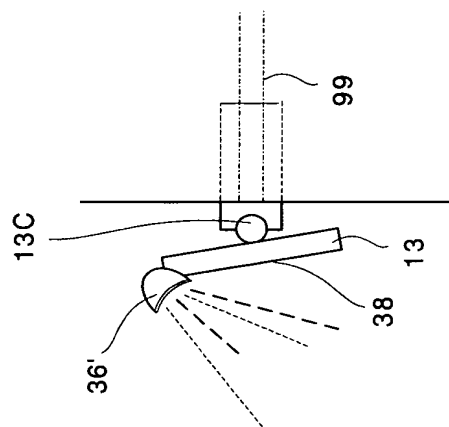


FIG. 3A10D

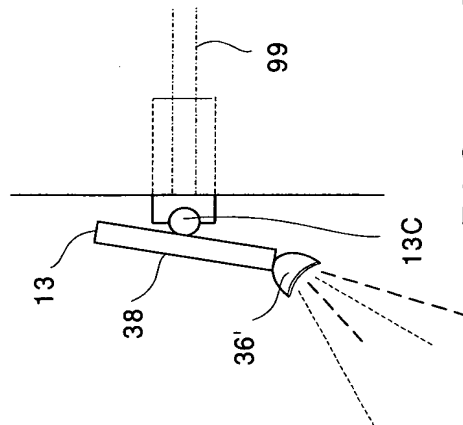


FIG. 3A10C

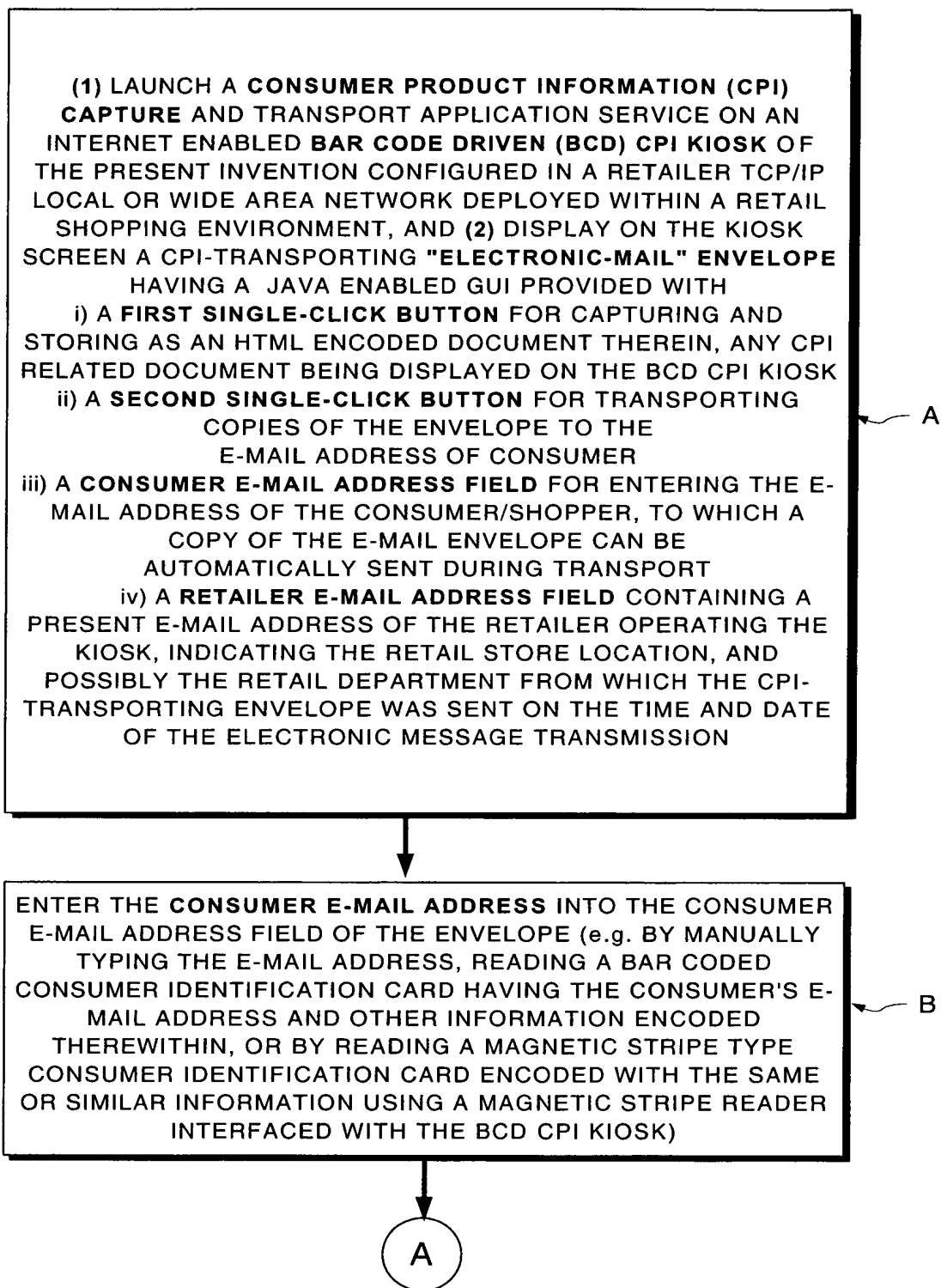


FIG. 3A13A

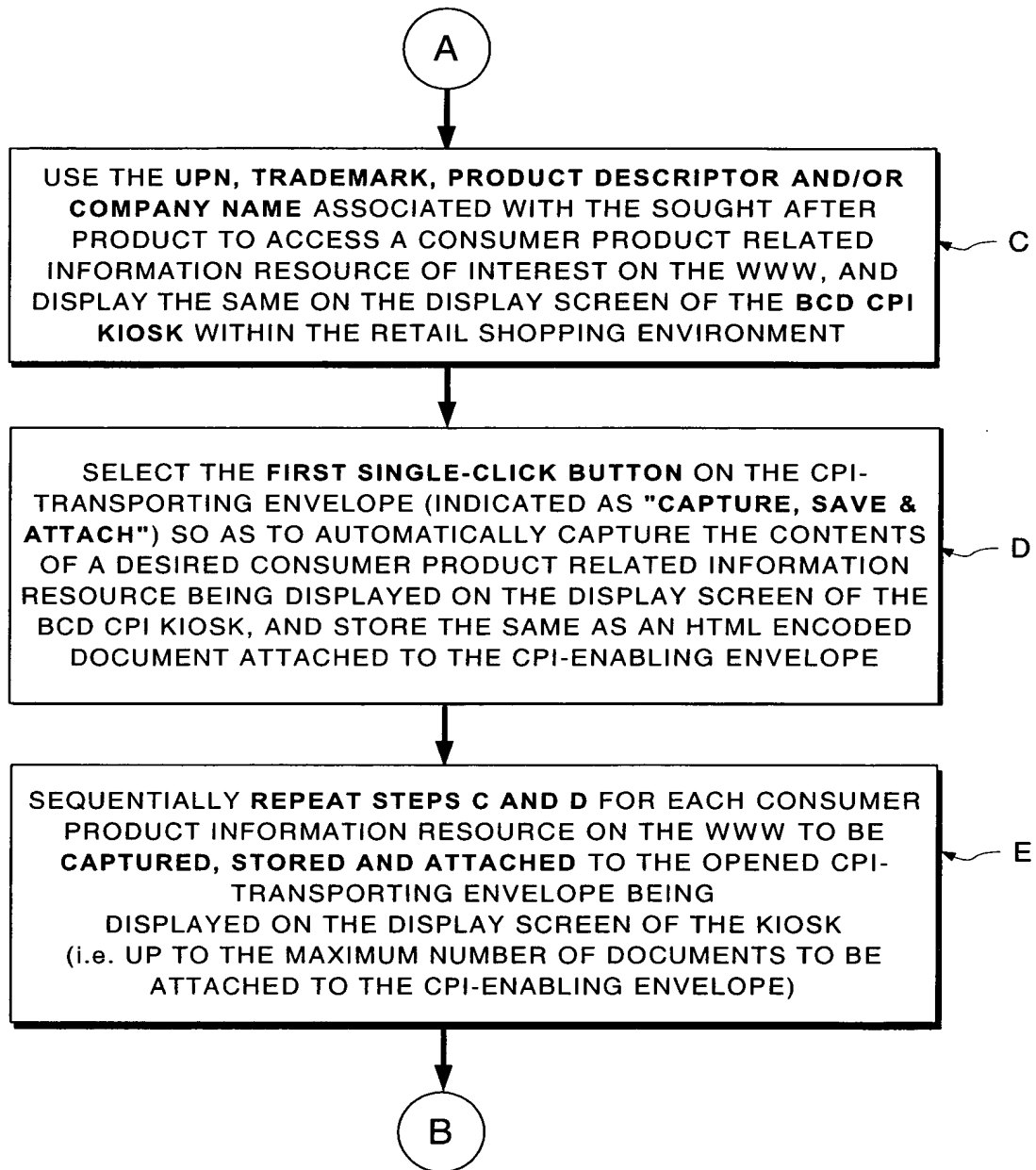


FIG. 3A13B

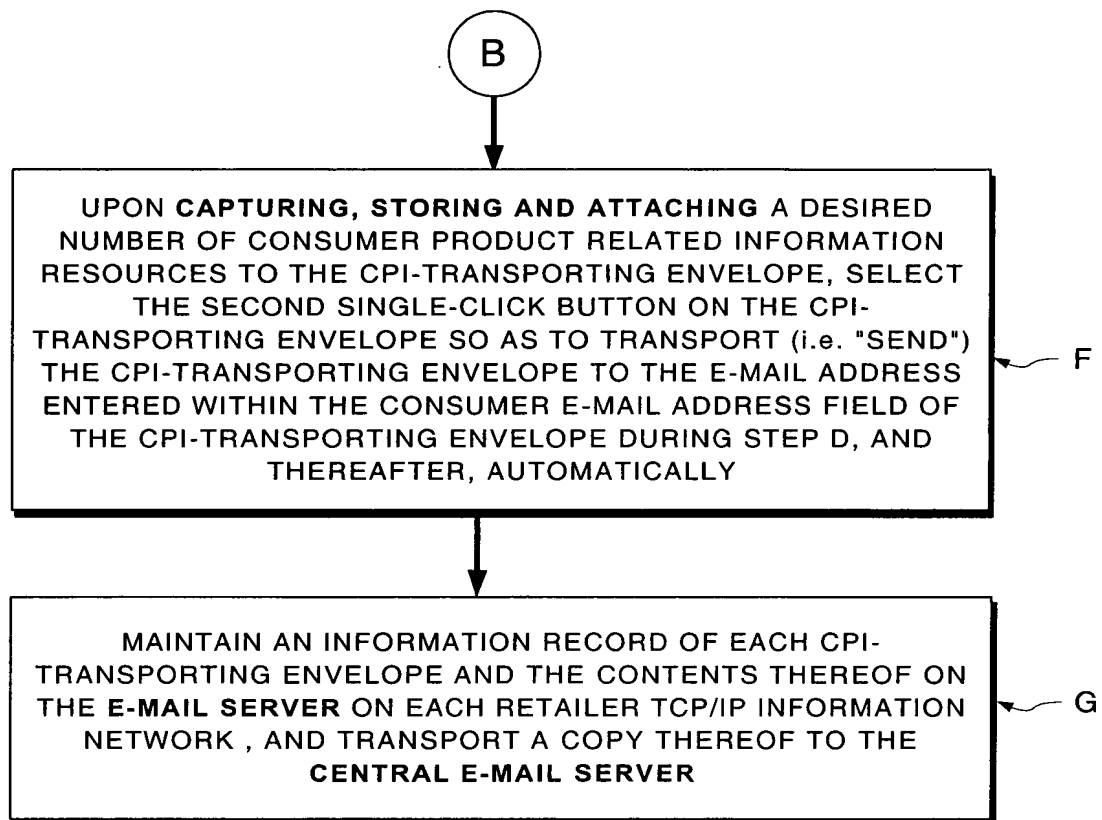


FIG. 3A13C

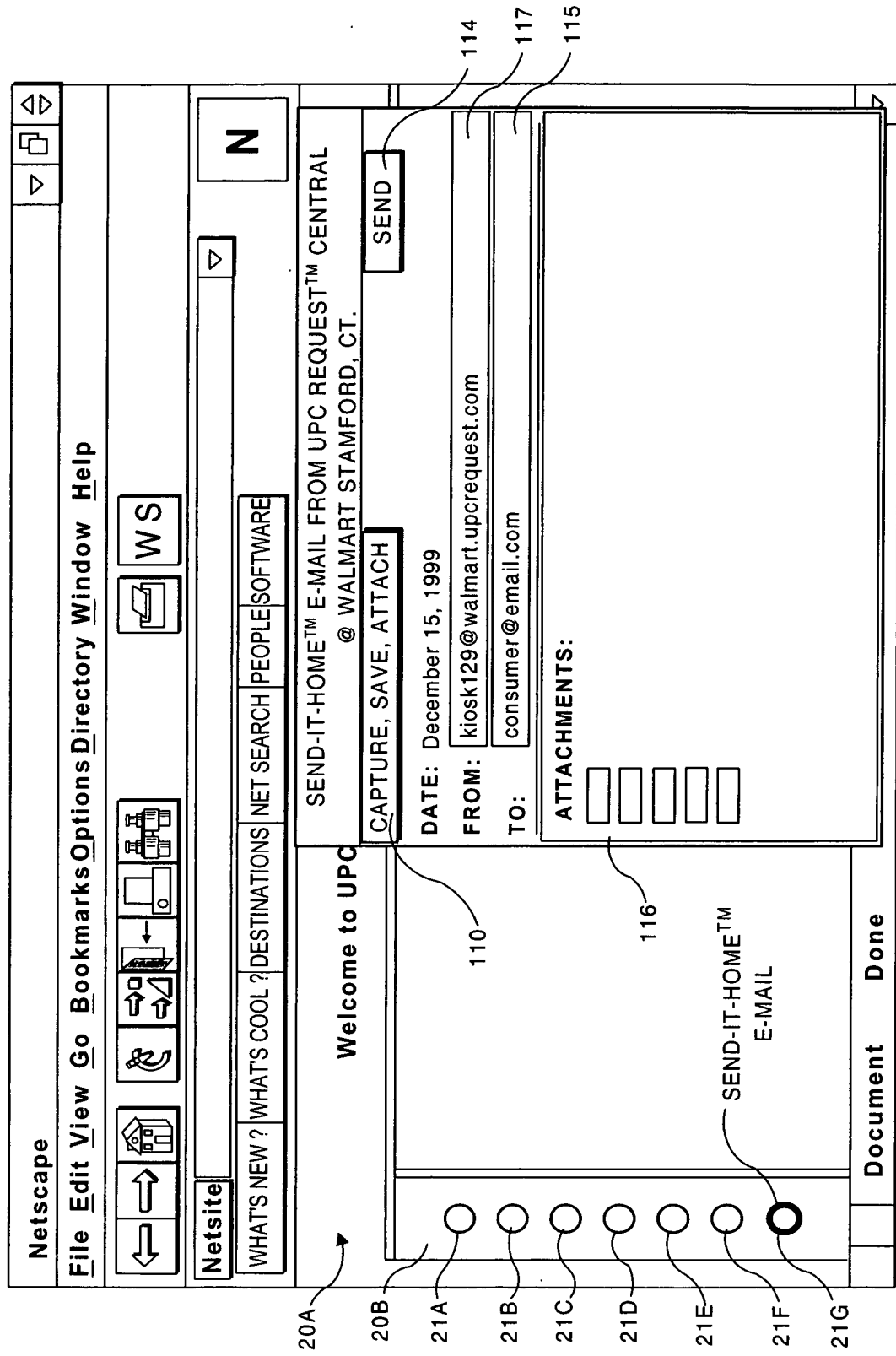


FIG. 3A14

(1) LAUNCH A **CONSUMER PRODUCT INFORMATION (CPI) CAPTURE** AND TRANSPORT APPLICATION SERVICE ON AN INTERNET ENABLED **BAR CODE DRIVEN (BCD) CPI KIOSK** OF THE PRESENT INVENTION CONFIGURED IN A RETAILER TCP/IP LOCAL OR WIDE AREA NETWORK DEPLOYED WITHIN A RETAIL SHOPPING ENVIRONMENT, AND (2) DISPLAY ON THE KIOSK SCREEN A CPI-TRANSPORTING "**ELECTRONIC-MAIL**" ENVELOPE HAVING A JAVA ENABLED GUI PROVIDED WITH

- i) A **FIRST SINGLE-CLICK BUTTON** FOR CAPTURING AND STORING AS AN HTML ENCODED DOCUMENT THEREIN, ANY CPI RELATED DOCUMENT BEING DISPLAYED ON THE BCD CPI KIOSK
- ii) A **SECOND SINGLE-CLICK BUTTON** FOR TRANSPORTING COPIES OF THE ENVELOPE TO THE E-MAIL ADDRESS OF CONSUMER
- iii) A **CONSUMER E-MAIL ADDRESS FIELD** FOR ENTERING THE E-MAIL ADDRESS OF THE CONSUMER/SHOPPER, TO WHICH A COPY OF THE E-MAIL ENVELOPE CAN BE AUTOMATICALLY SENT DURING TRANSPORT IF ENABLED BY THE CONSUMER/SHOPPER
- iv) A **RETAILER E-MAIL ADDRESS FIELD** CONTAINING A PRESENT E-MAIL ADDRESS OF THE RETAILER OPERATING THE KIOSK, INDICATING THE RETAIL STORE LOCATION, AND POSSIBLY THE RETAIL DEPARTMENT FROM WHICH THE CPI-TRANSPORTING ENVELOPE WAS SENT ON THE TIME AND DATE OF THE ELECTRONIC MESSAGE TRANSMISSION

A

ENTER THE **CONSUMER E-MAIL ADDRESS** INTO THE CONSUMER E-MAIL ADDRESS FIELD OF THE ENVELOPE (e.g. BY MANUALLY TYPING THE E-MAIL ADDRESS, READING A BAR CODED CONSUMER IDENTIFICATION CARD HAVING THE CONSUMER'S E-MAIL ADDRESS AND OTHER INFORMATION ENCODED THEREWITHIN, OR BY READING A MAGNETIC STRIPE TYPE CONSUMER IDENTIFICATION CARD ENCODED WITH THE SAME OR SIMILAR INFORMATION USING A MAGNETIC STRIPE READER INTERFACED WITH THE BCD CPI KIOSK)

B

A

FIG. 3A15A

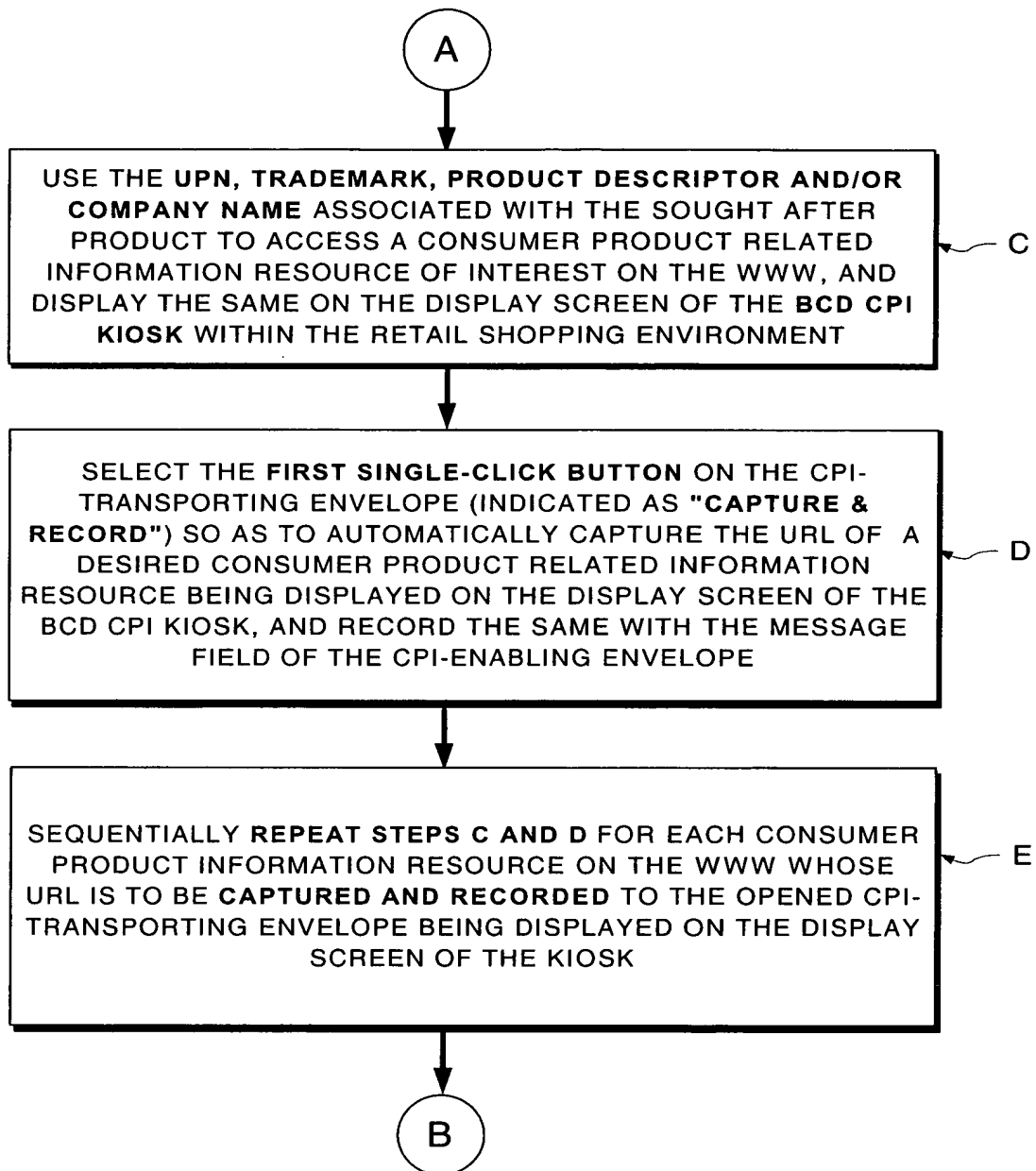


FIG. 3A15B

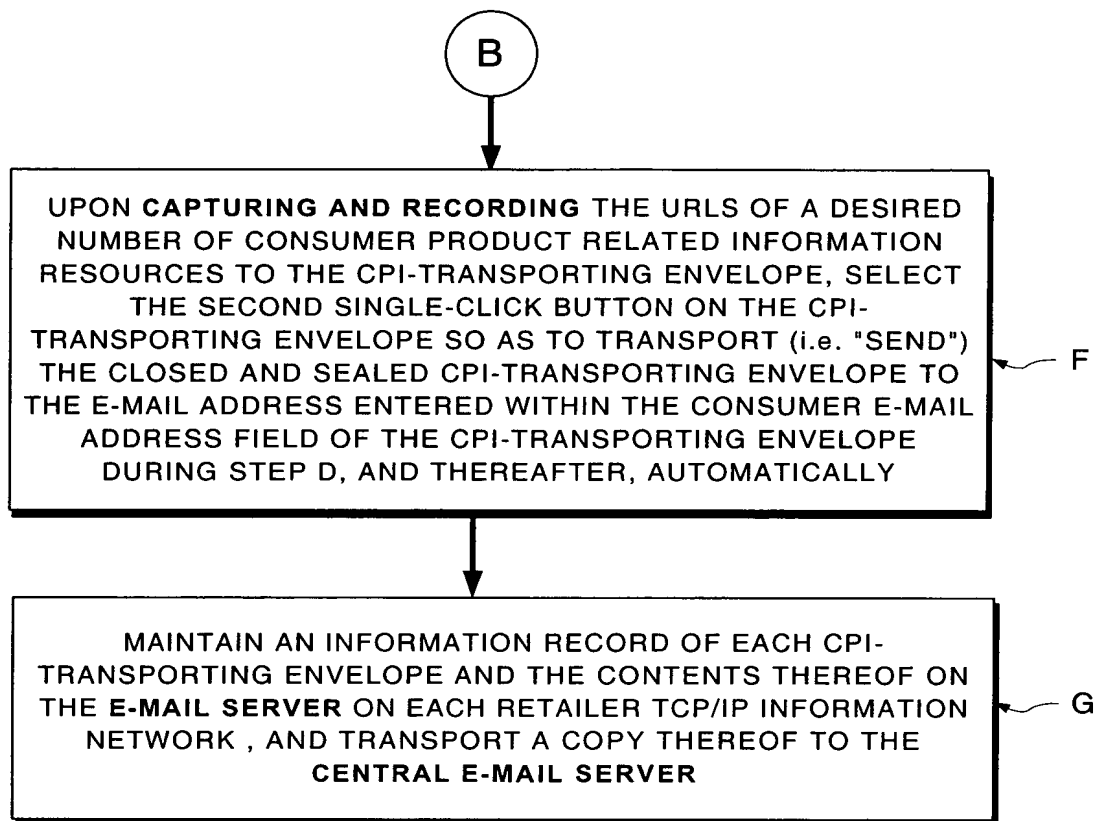


FIG. 3A15C

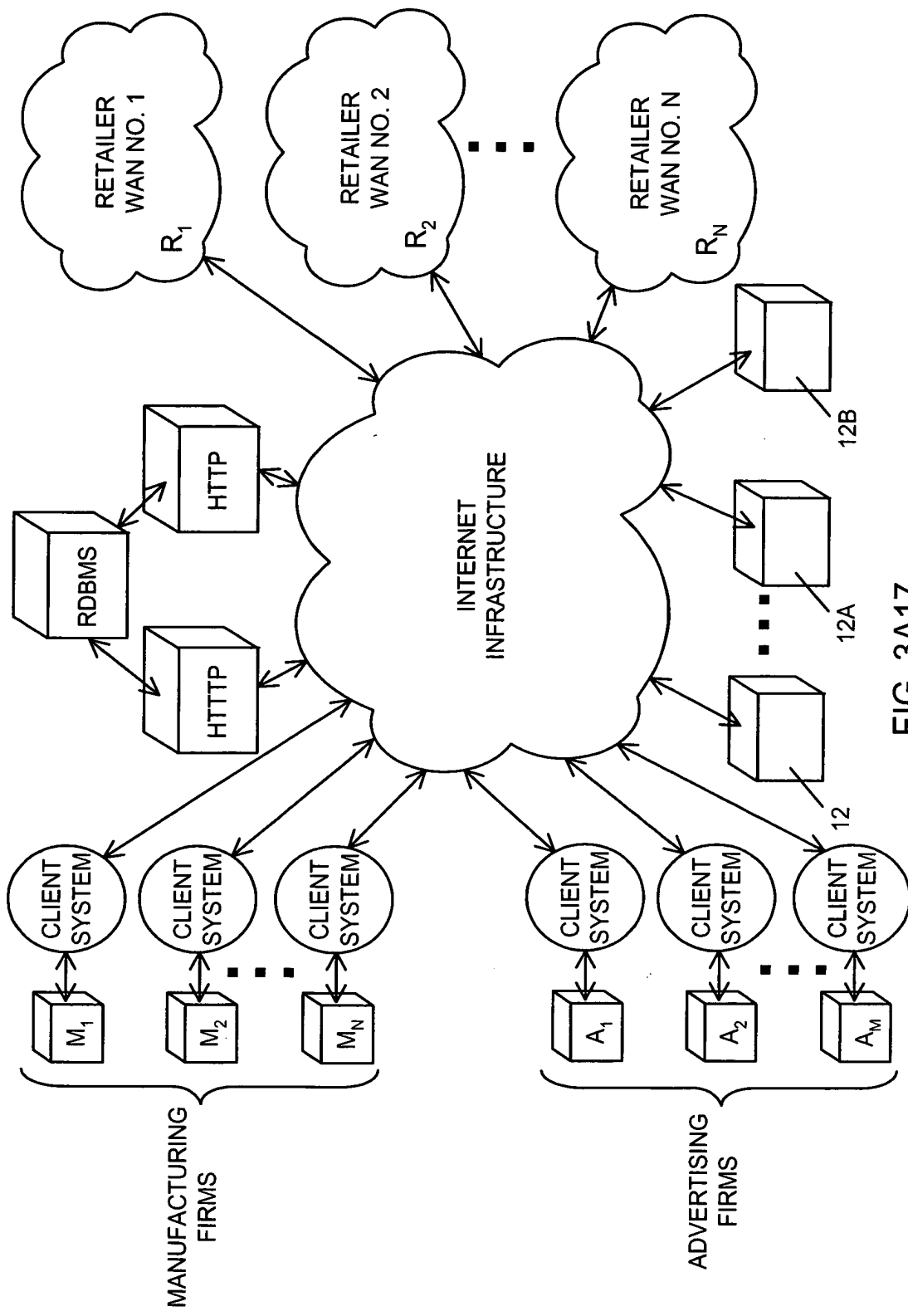


FIG. 3A17

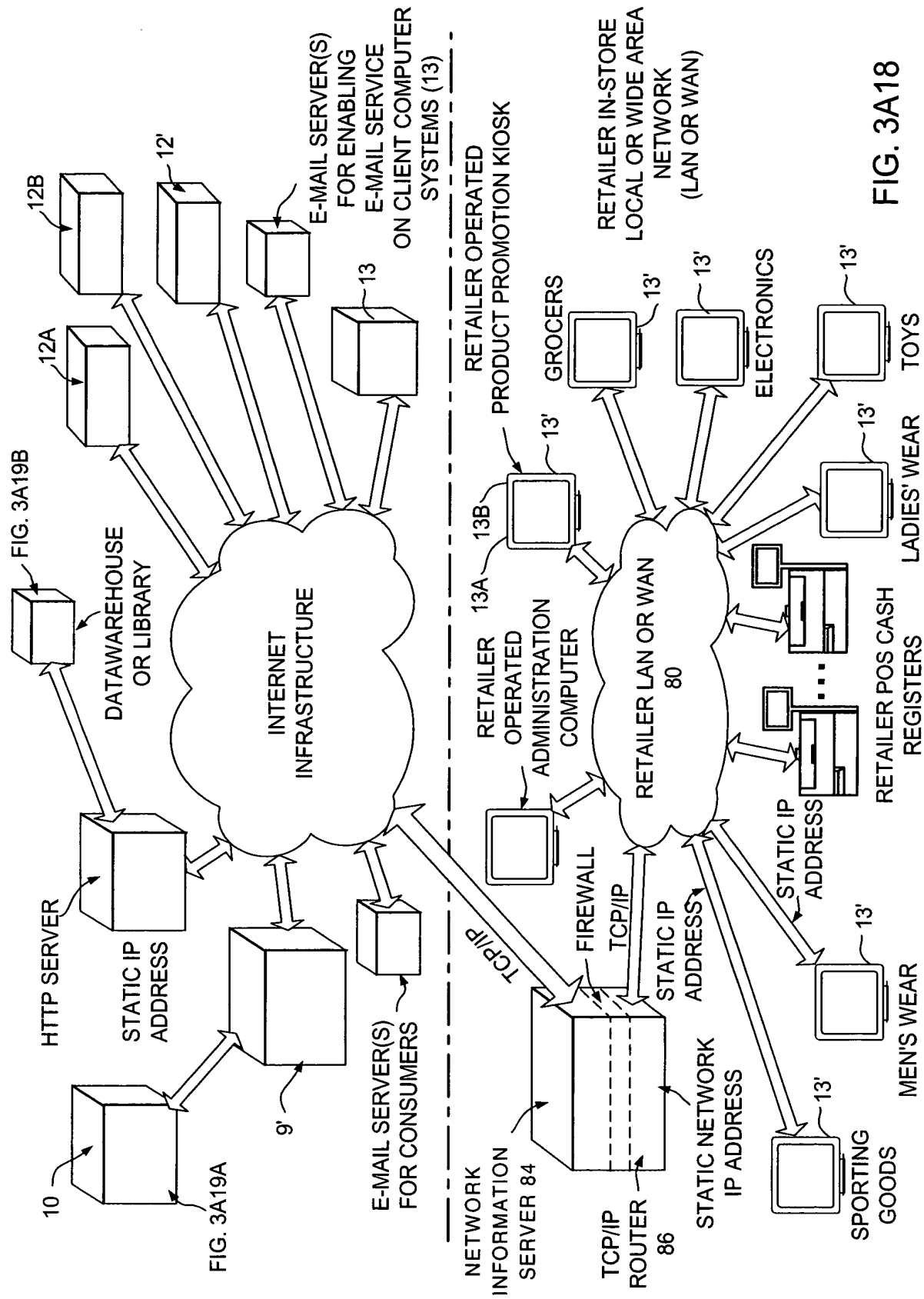
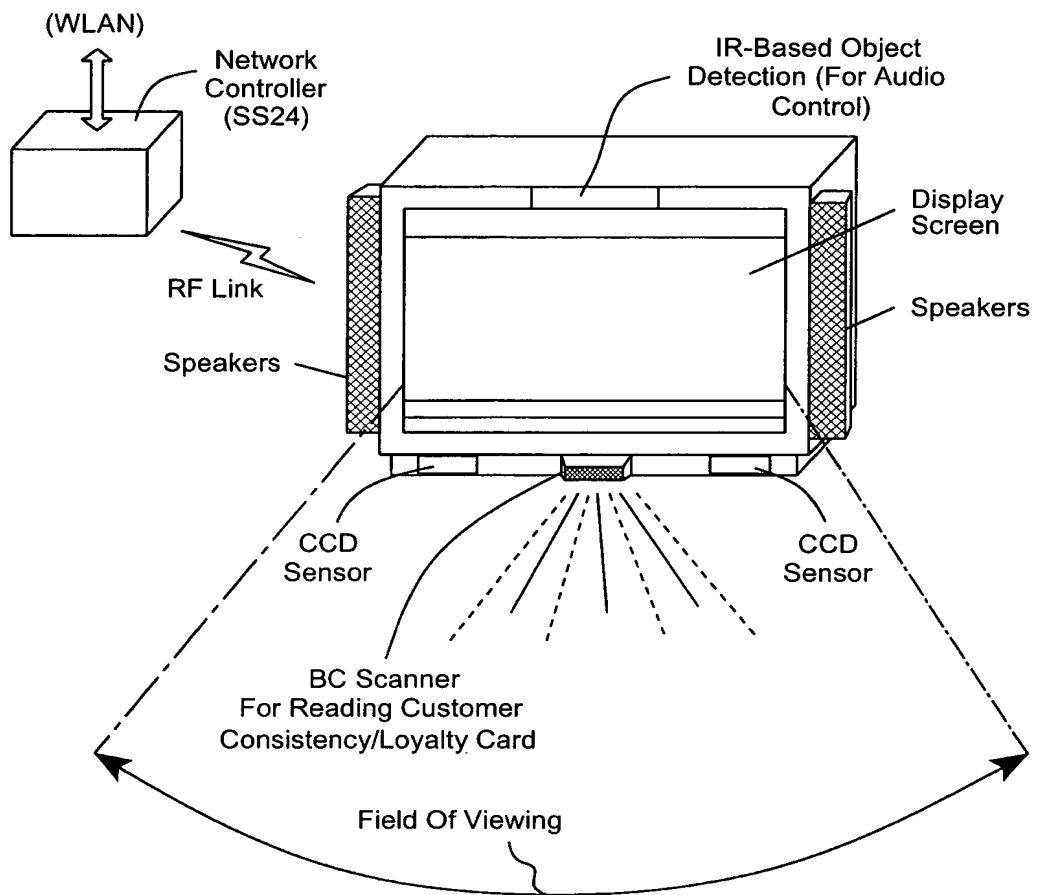


FIG. 3A18

UPN	RETAILER	URL NO.1	...	URL NO. N	TRADEMARKS	PRODUCT DESCRIPTION	E-MAIL
			...				
...

FIG. 3A19A



Features:

- Eye Training And Accounting Subsystem
- Tracks Detected Eyeball

FIG. 3A19C

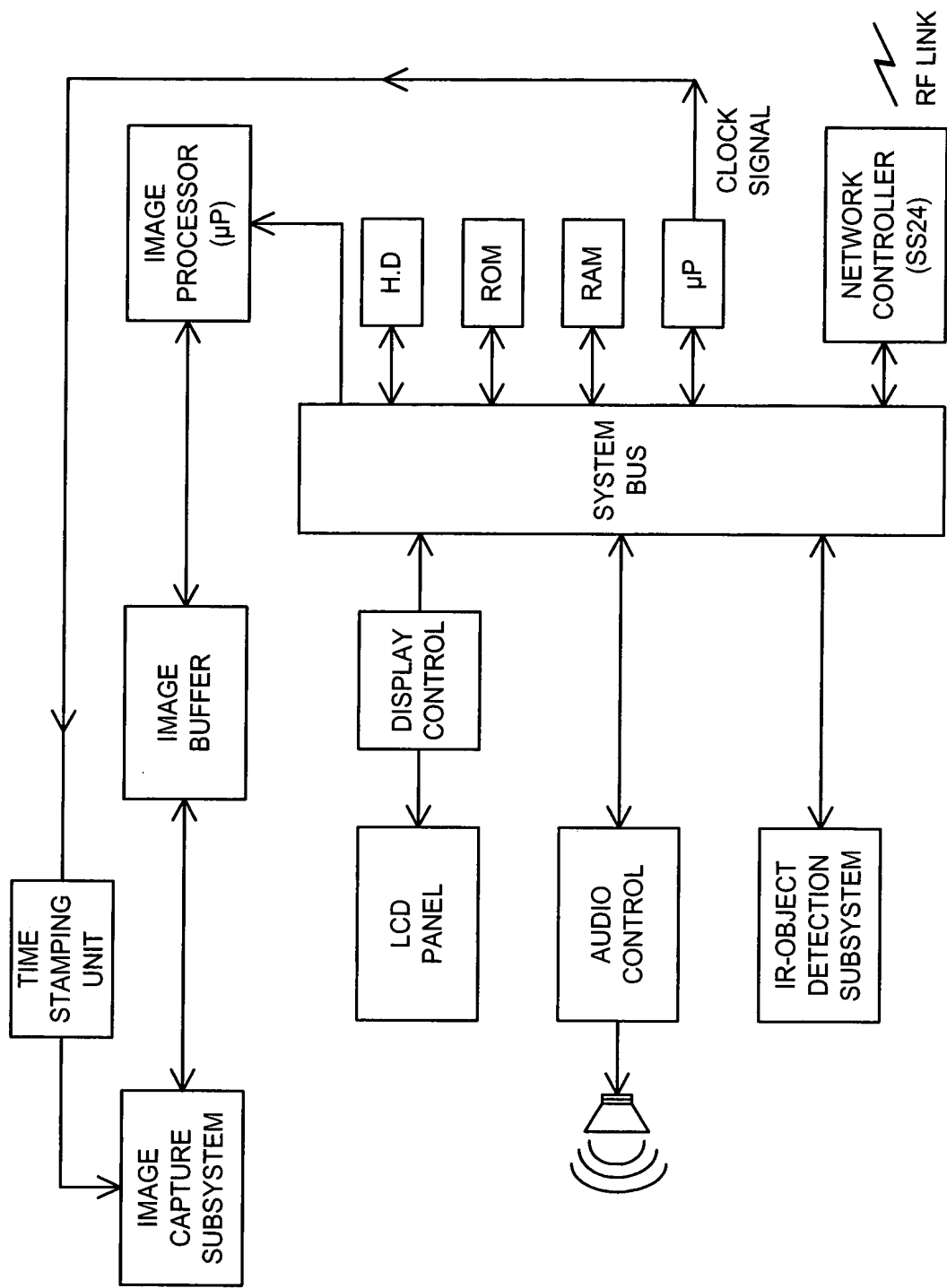


FIG. 3A19D

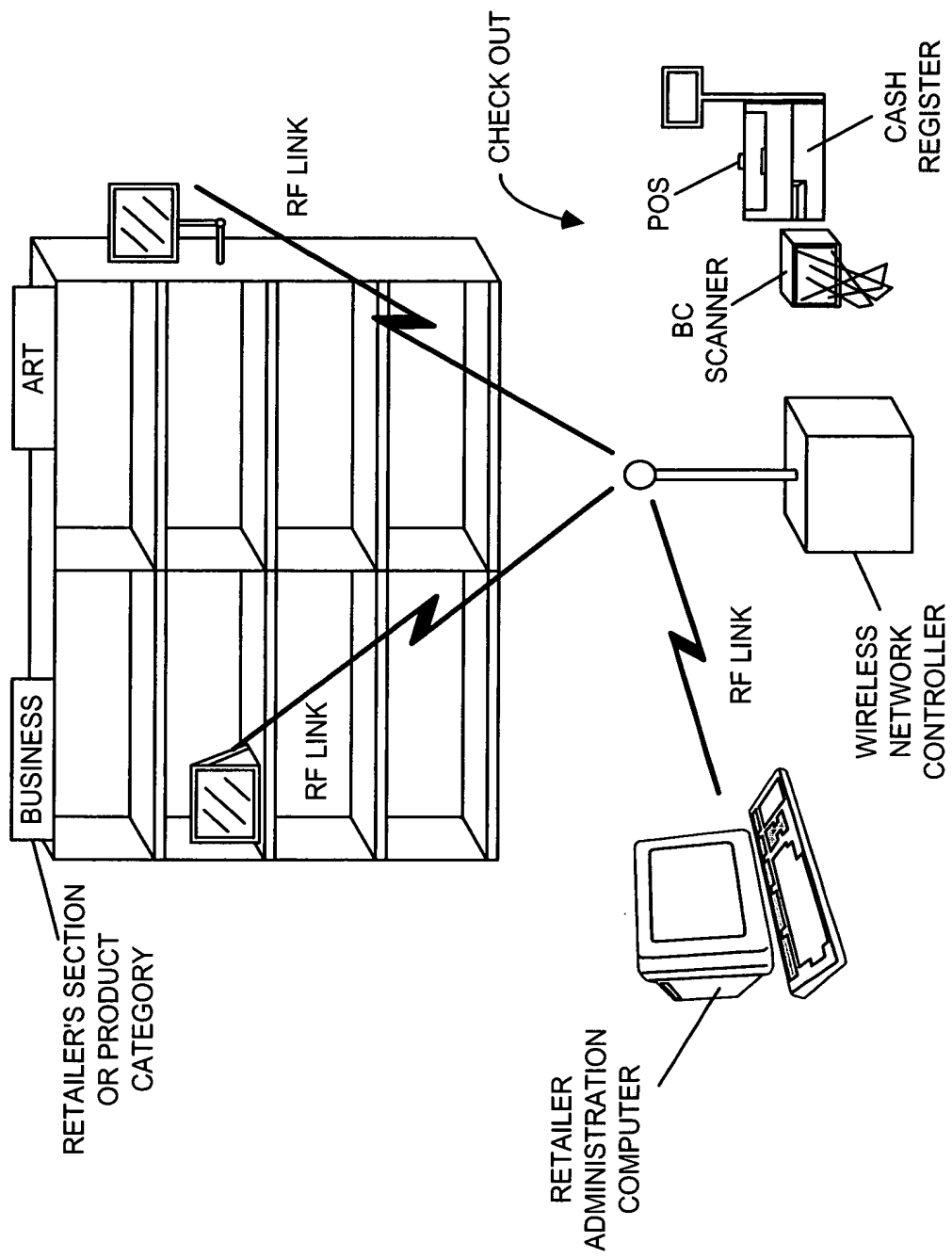


FIG. 3A20

DISPLAY FRAME FOR DISPLAYING THE RETAILER'S IDENTITY/IMAGE SELECTED BY RETAILER (URL-DF1)
DISPLAY FRAME FOR DISPLAYING A PRODUCT ADVERTISEMENT CREATED BY MANUFACTURER AND/OR AGENT THEREOF (URL-DF2), AND SELECTED BY RETAILER
DISPLAY FRAME FOR DISPLAYING A PROMOTIONAL MESSAGE ABOUT THE ADVERTISED PRODUCT, SELECTED BY RETAILER (URL-DF3)
DISPLAY FRAME FOR DISPLAYING THE LOCATION OF THE ADVERTISED PRODUCT IN THE RETAIL STORE OR IN THE RETAILER'S ELECTRONIC STORE, SELECTED BY RETAILER (URL-DF4)

FIG. 3A21A

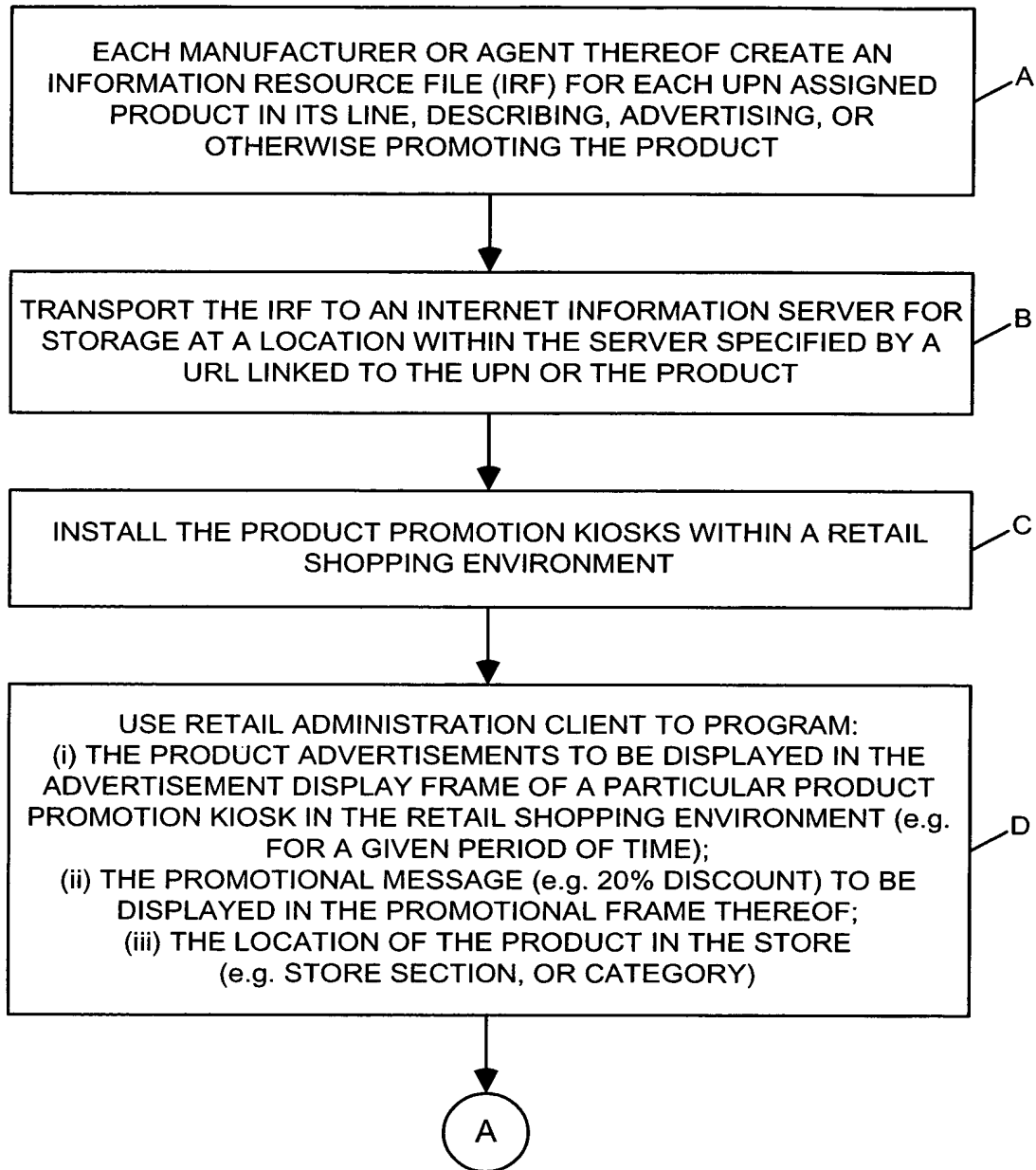


FIG. 3A22A

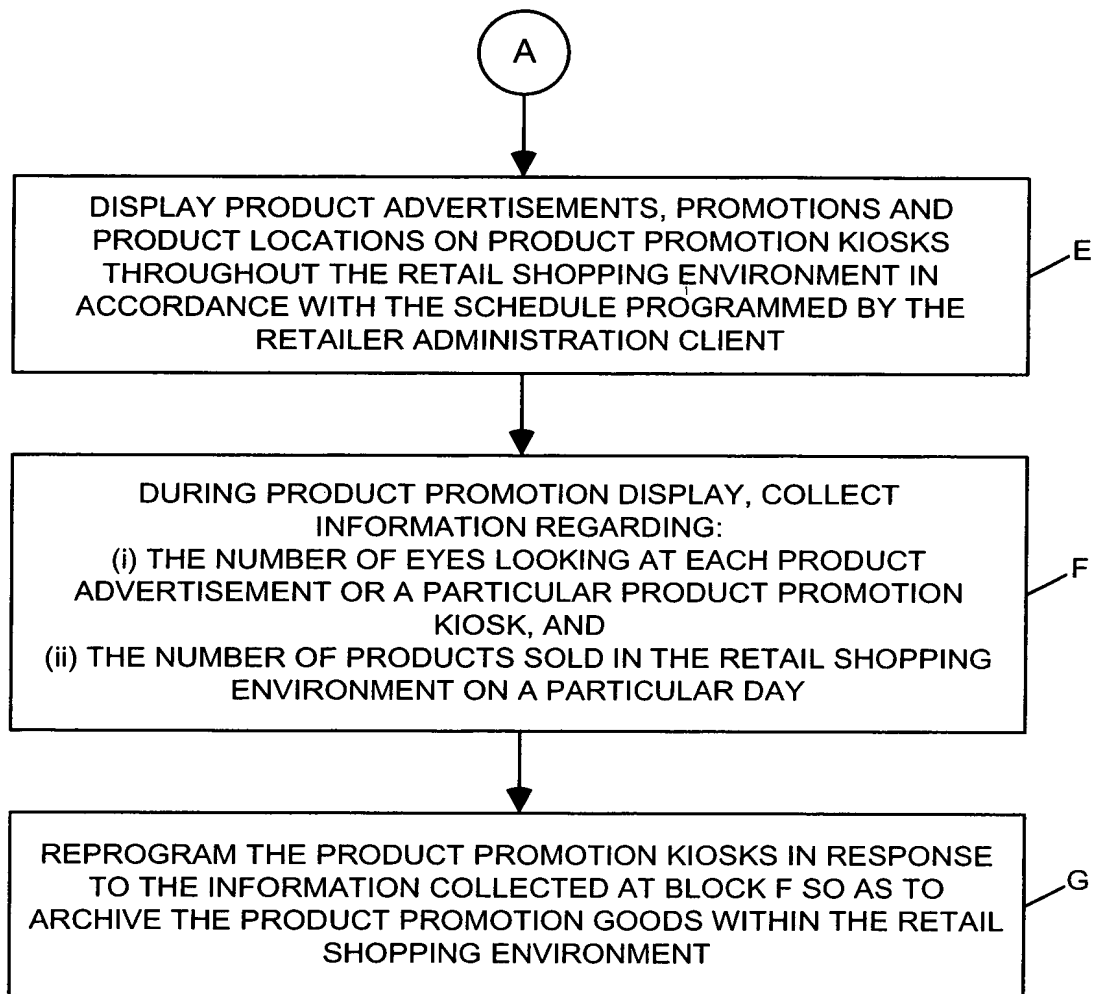


FIG. 3A22B

UPN (PRODUCT)	TIME/DATE	EYE COUNTS	URL/AD	# OF UPN SOLD ON SAME DATE	# OF UPN SOLD ON 2ND DATE	# OF UPN SOLD ON 3RD DATE	# OF UPN SOLD ON 4TH DATE

REPORT

FIG. 3A24

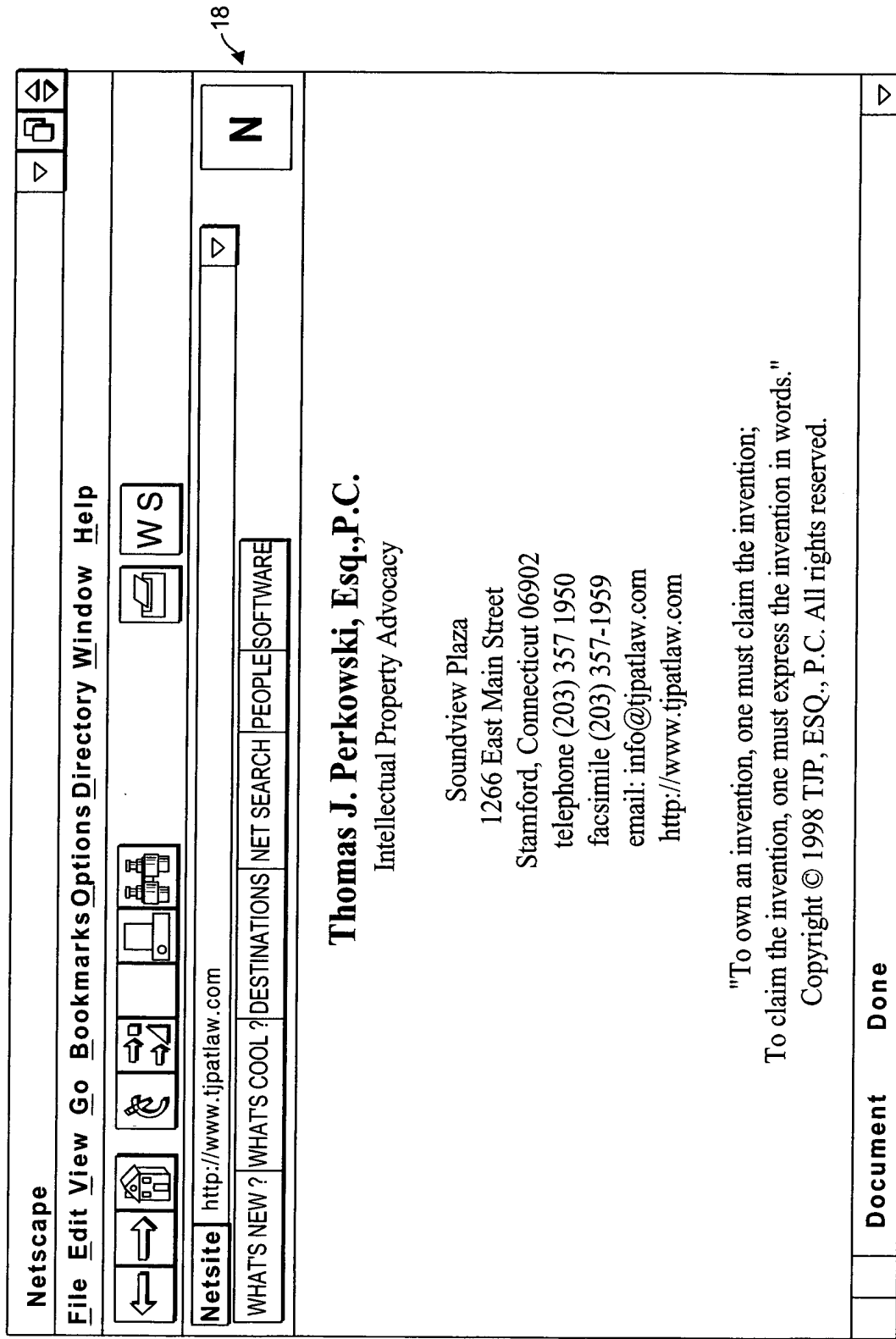


FIG. 3B

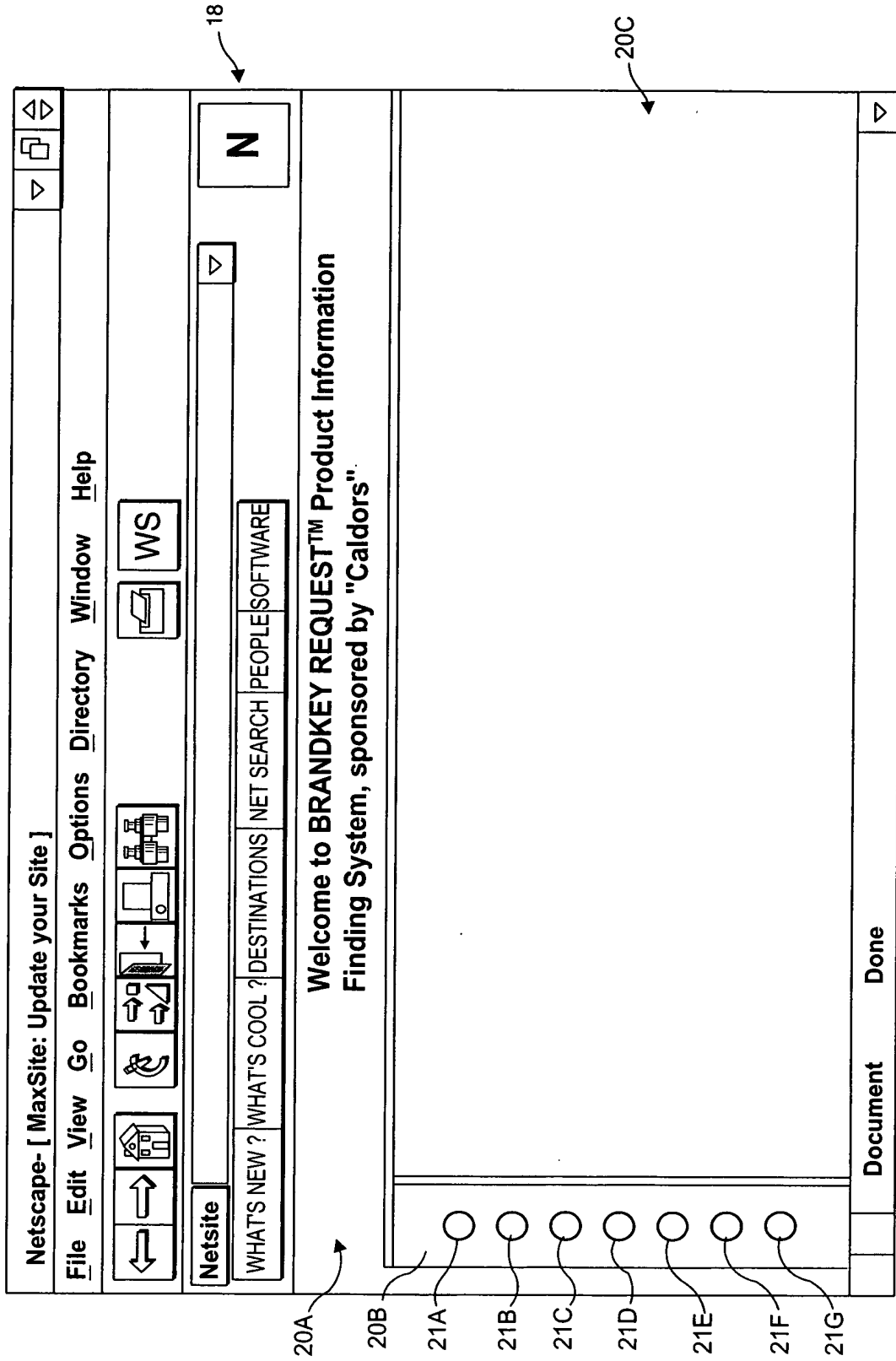


FIG. 3C

IP / SN	REGISTRANT'S NAME AND ADDRESS	PRODUCT DESCRIPTION	UNIFORM RESOURCE LOCATOR (URL)	TRADE/ SERVICE MARKS	e-mail ADDRESS	CPIR APPLETS	STATUS
7/18908/ 17674/0	APPLE COMPUTER, INC. CUPERTINO, CA.	POWER MAC 7600/120 COMPUTER	http:// www.power.com/pc	POWER MAC			
0/373/100/6	PROCTOR & GAMBLE	TOOTH PASTE	http:// www.tooth.com/pc	CREST			
3/12547/ 68404/0	WARNER WELCOME	ACID REDUCER	http:// www.zantac.com/pc	ZANTAC ZANTAC 75			
0/00005/ 17643/4	KODAK, INC.	FILM PROCESSING	http:// www.kodak.com/pc	KODAK			
• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •
0/27242/ 51057/9	SONY, INC.	PERSONAL COMPUTER	http://www.sony.com/ pc	SONY			

FIG. 4A1

CONSUMER PRODUCT INFO. REQUEST,
CPIR-ENABLING APPLLET LIBRARY

URL _i	PRODUCT SPECIFICATION INFORMATION FIELD	PRODUCT UPDATE INFORMATION FIELD	PRODUCT WARRANTY / SERVING INFORMATION FIELD	PRODUCT INCENTIVE INFORMATION FIELD	PRODUCT REVIEW INFORMATION FIELD	MISCELLA- NEOUS INFORMATION FIELD	PRODUCT ADVERTI- SEMENT INFORMATION FIELD
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 4A2

I P / S N	REGISTRANT'S NAME AND ADDRESS	PRODUCT DESCRIPTION	TRADE/SERVICE MARKS	E-MAIL ADDRESS	STATUS
7/05089/37460/7	NETSCAPE COMMUNICATIONS CORP.	INTERNET NAVIGATOR	NETSCAPE, NAVIGATOR		
0/30000/01020/4	QUAKER, INC.	OATMEAL	QUAKER		
0/496/390/1	COLA COLA, INC.	COCA SODA	COCA - COLA, COKE		
0/7599/24245/2	WARNER BROS.	PAT METHANY AUDIO CD	GEFFEN		
.
.
.

FIG. 4B

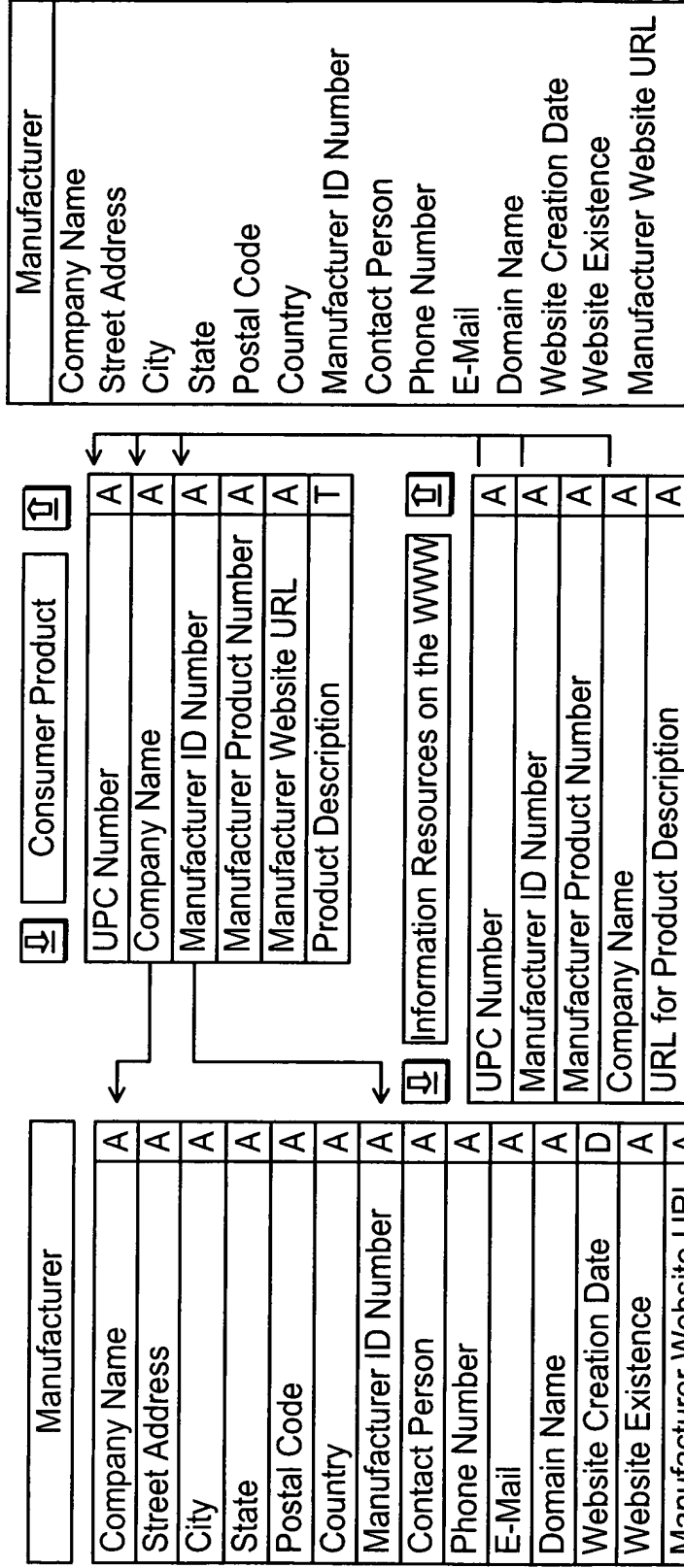


FIG. 4C

FIG. 4C1

Consumer Product
UPC Number
Company Name
Manufacturer ID Number
Manufacturer Product Number
Manufacturer Website URL
Product Description
Primary Trademark
Secondary Trademark
Package Type
UPC Symbol Type
Website Marking on Package
800 Consumer Phone Number

FIG. 4C2

Info. Resources on WWW
UPC Number
Manufacturer ID Number
Manufacturer Product Number
Company Name
URL For Product Description
URL For Product Manual
URL For Warranty Service
URL For WWW Advertisement
URL For WWW Advertisement
URL For WWW Advertisement
URL For Product Wholesaler
URL For Product Wholesaler
URL For Product Wholesaler
URL For Product Retailer No.1
URL For Product Retailer No.2
URL For Product Retailer No.3
URL For Direct Product Purchase
URL For Complementary Product
URL For Complementary Product
URL For Complementary Product
URL For Company Annual Report
URL For Company Stock Purchase

FIG. 4C3

RETAILER
Company Name Street Address City State Postal Code Country Manufacturer ID Number Contact Person Phone Number E-Mail Domain Name Website Creation Date Website Existence Manufacturer Website URL Manufacturer No. 1 Manufacturer No. 2 Manufacturer No. 3 Manufacturer No. 4 Manufacturer No. 5 Manufacturer No. 6 Manufacturer No. 7 Manufacturer No. 8 Manufacturer No. 9 Manufacturer No. 10 ⋮ Manufacturer No. N

FIG. 4D

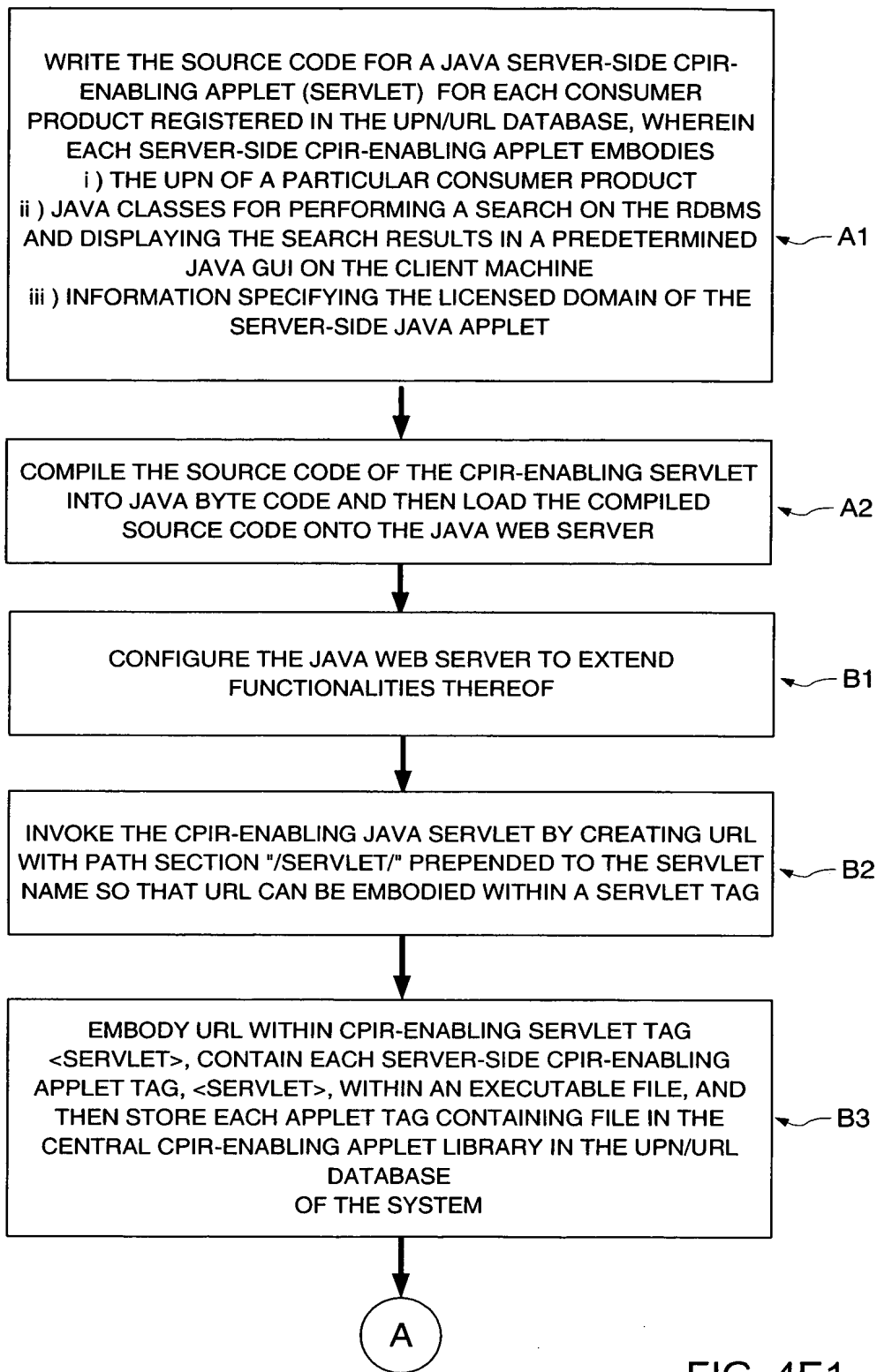


FIG. 4E1

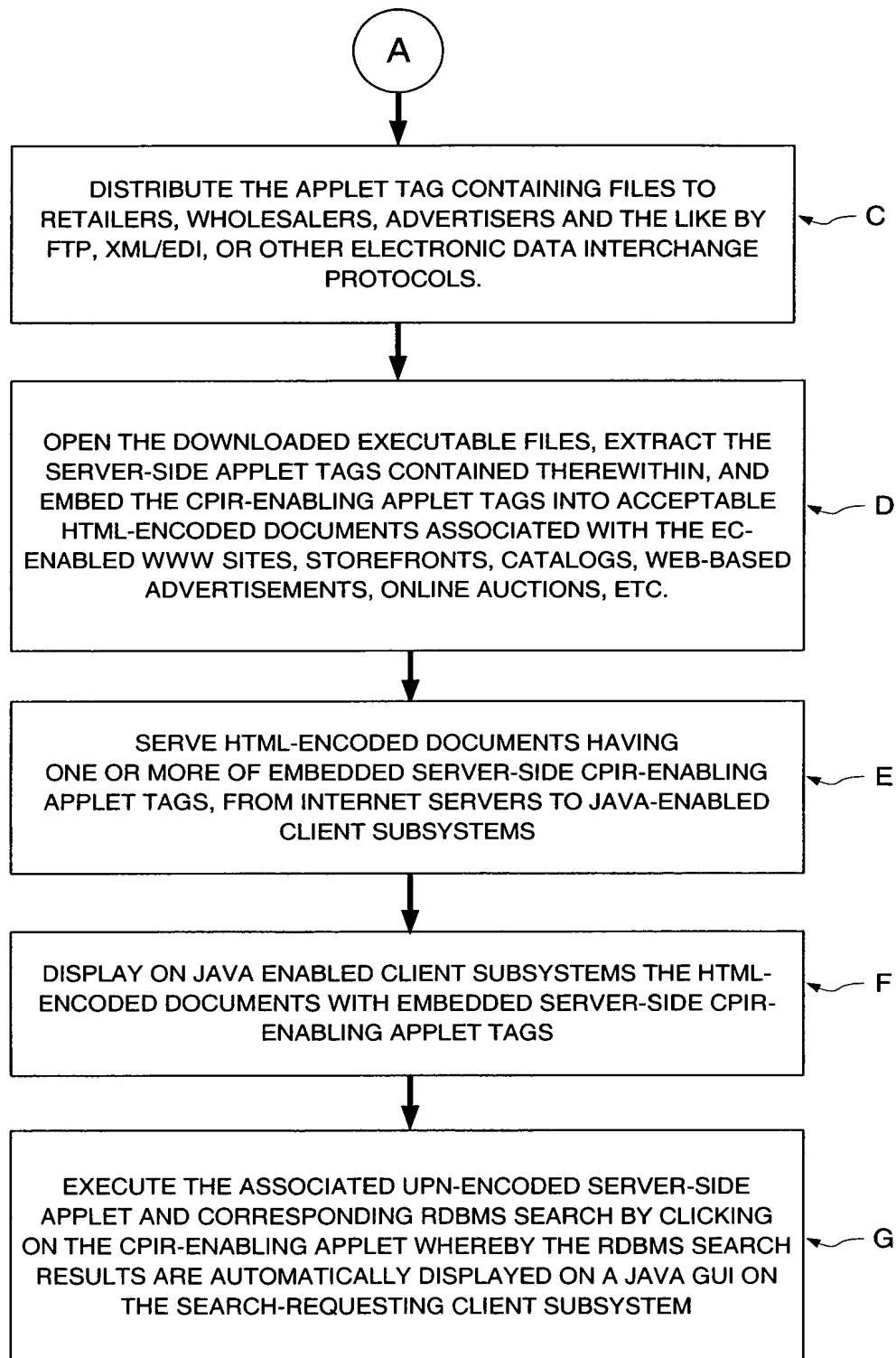


FIG. 4E2

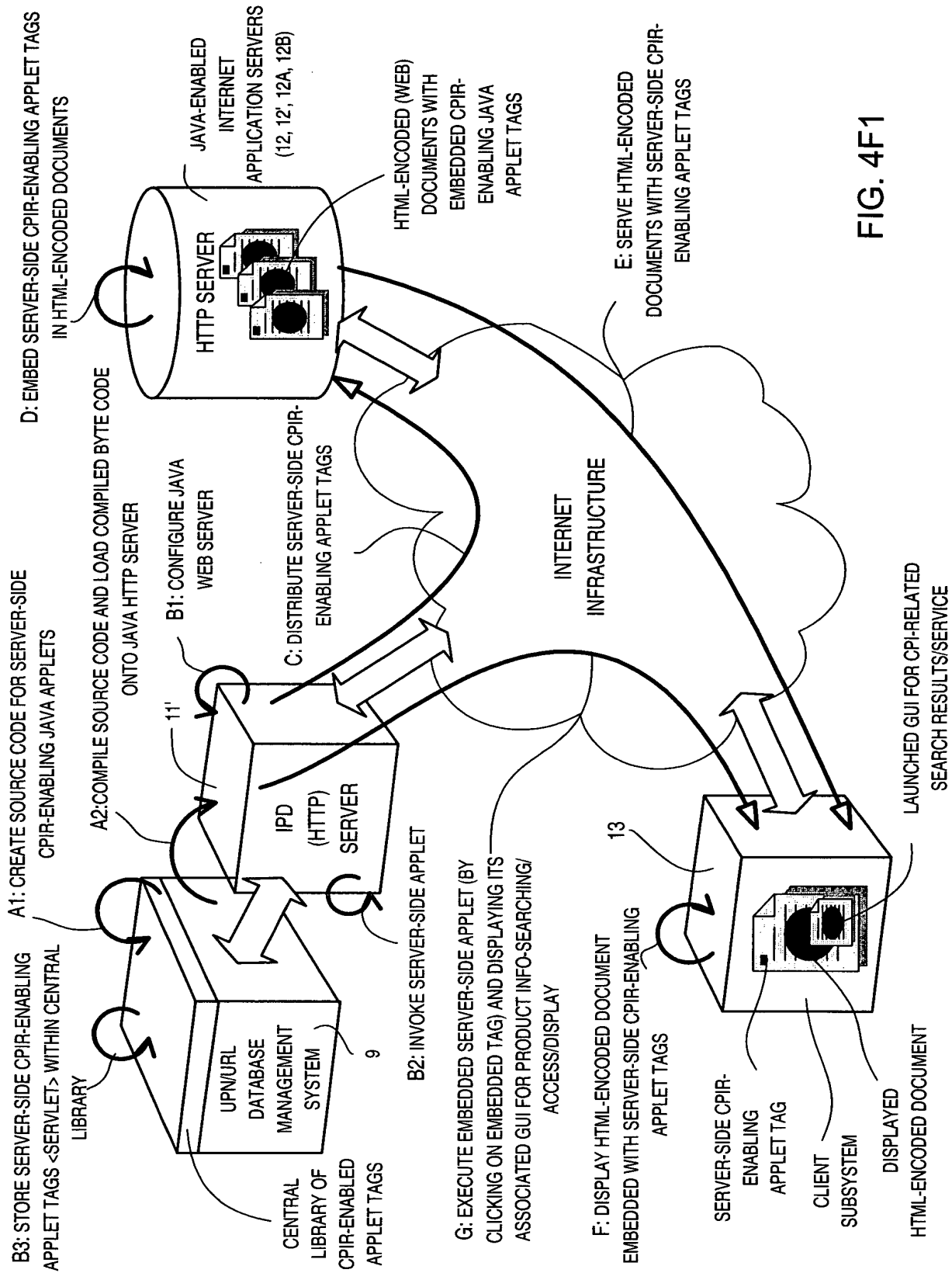
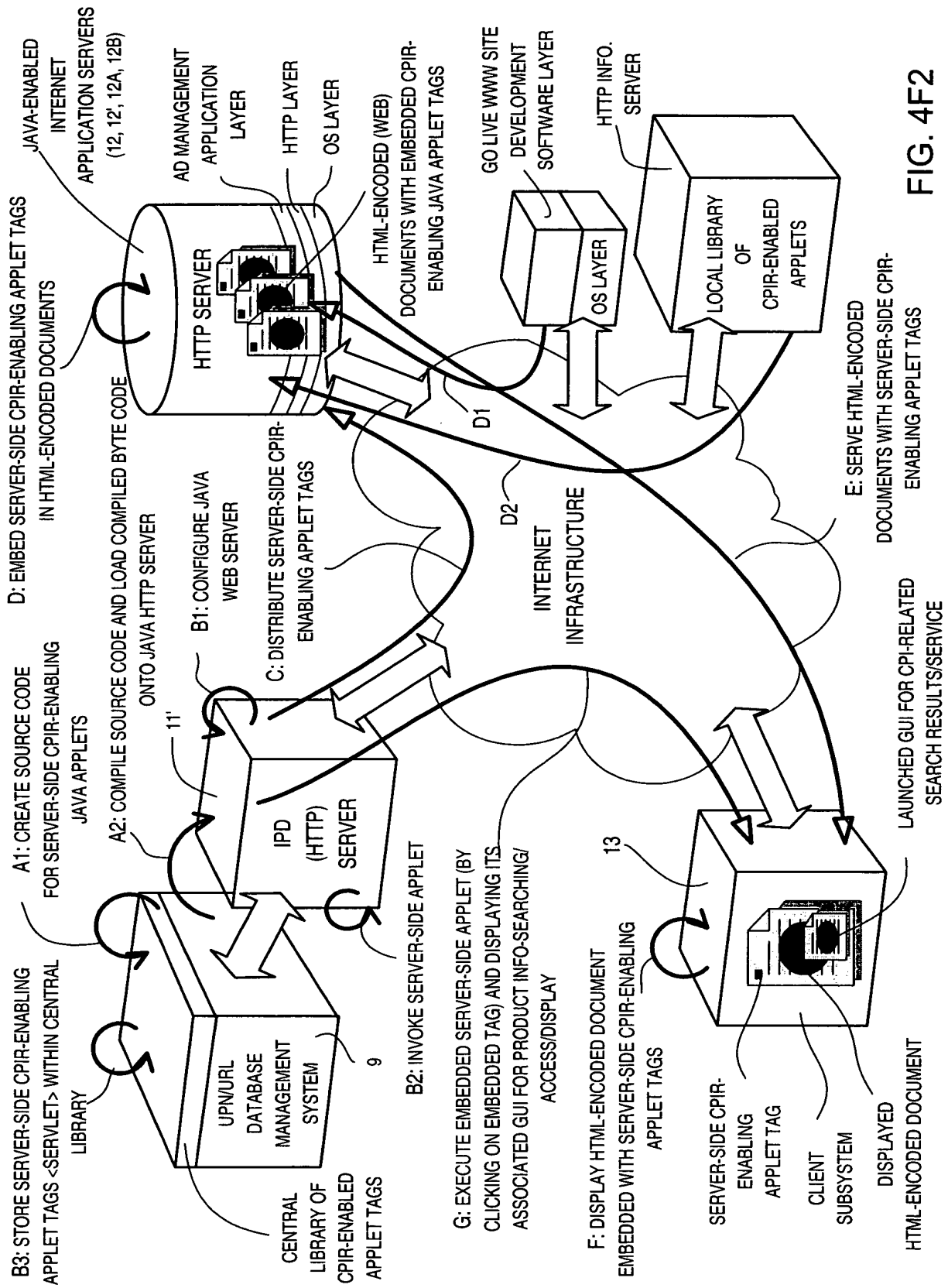


FIG. 4F1



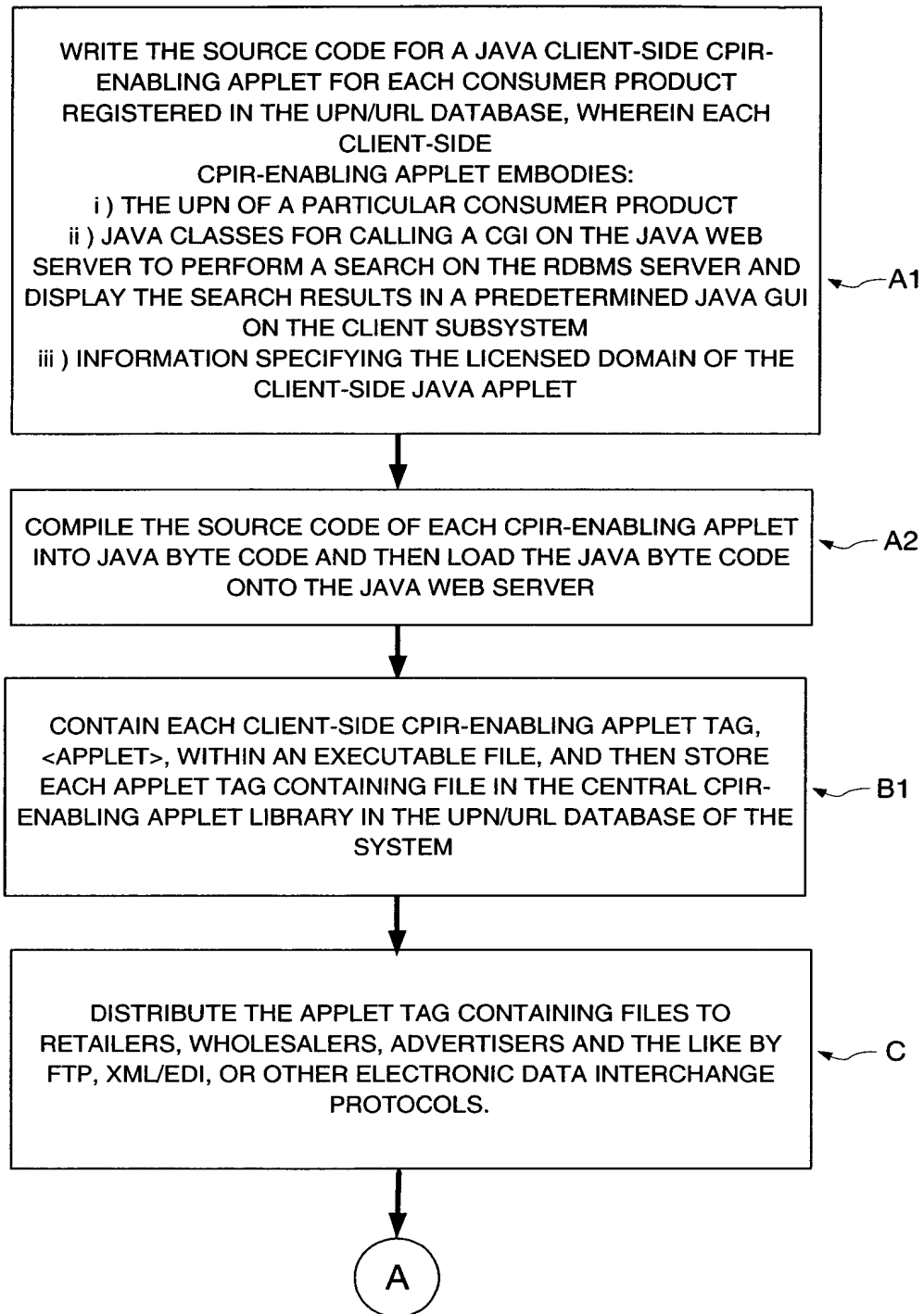


FIG. 4G1

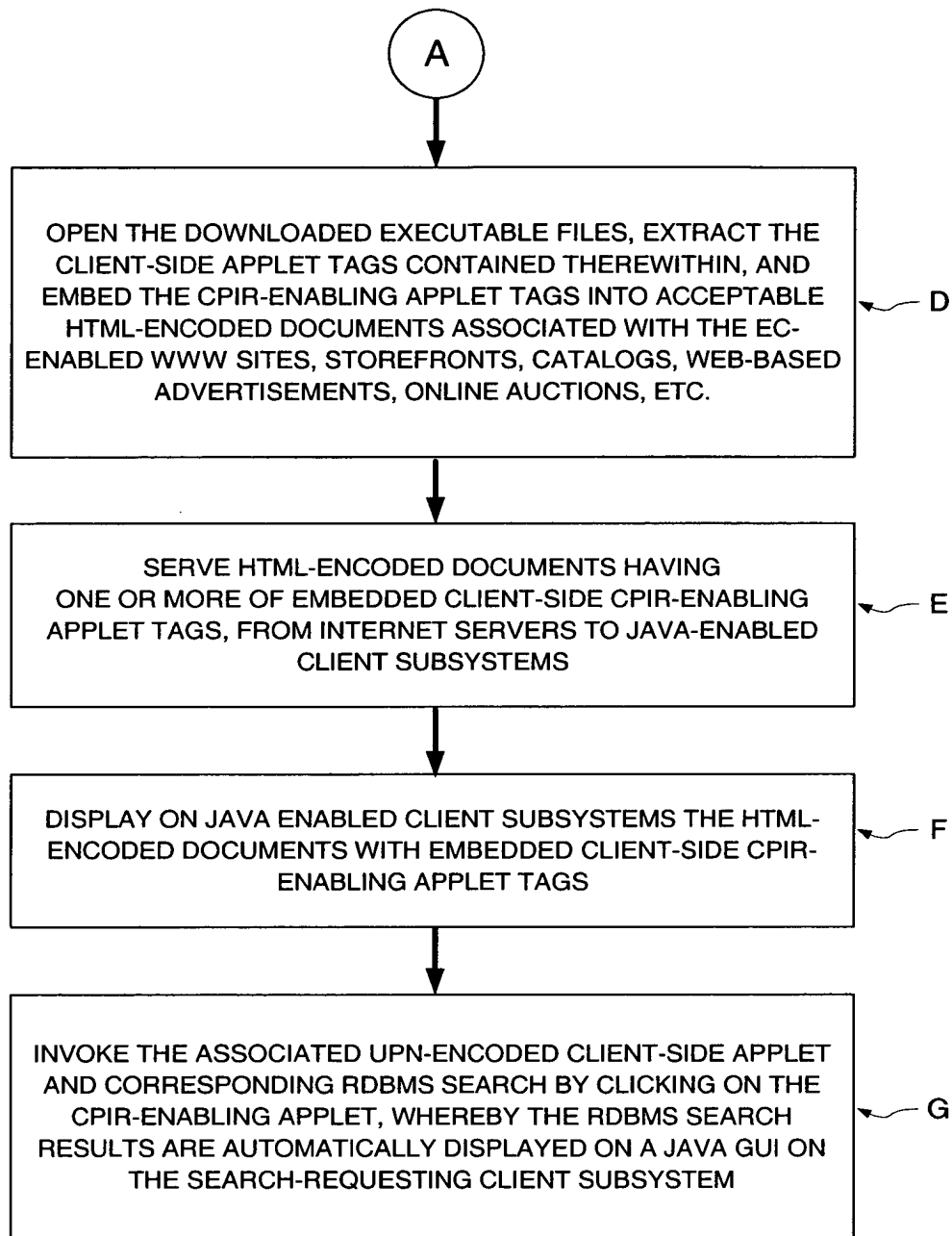


FIG. 4G2

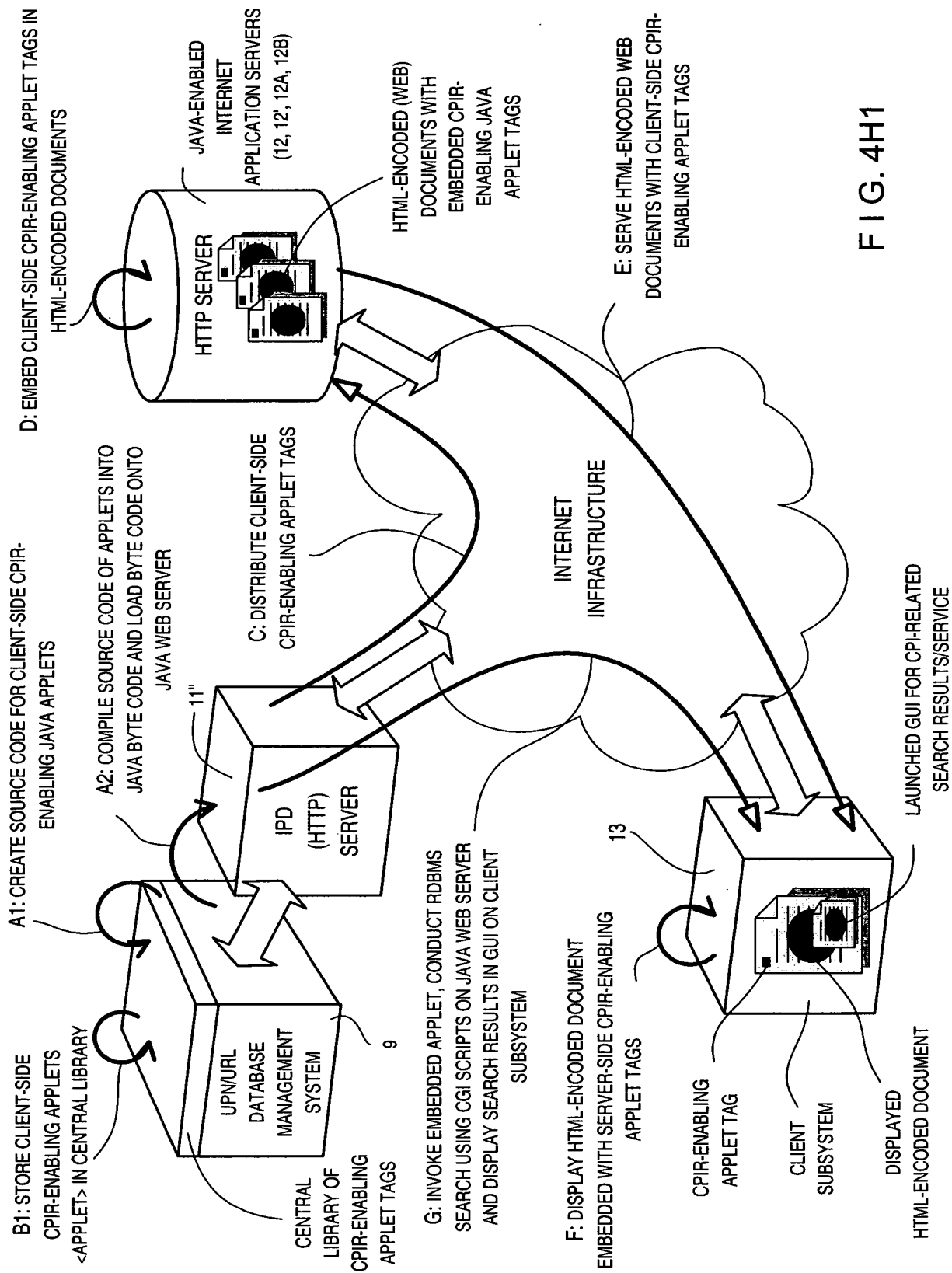


FIG. 4H1

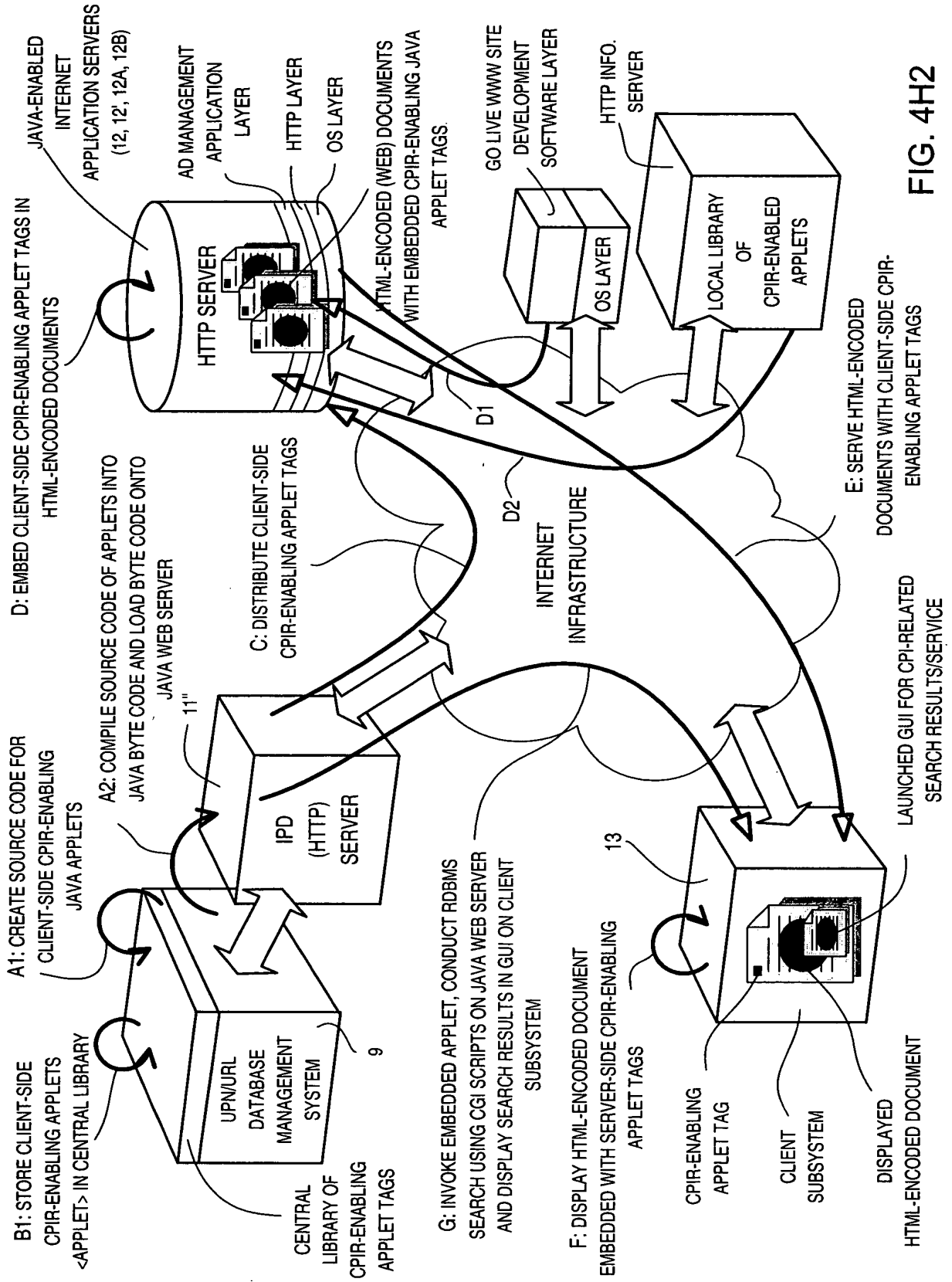


FIG. 4H2

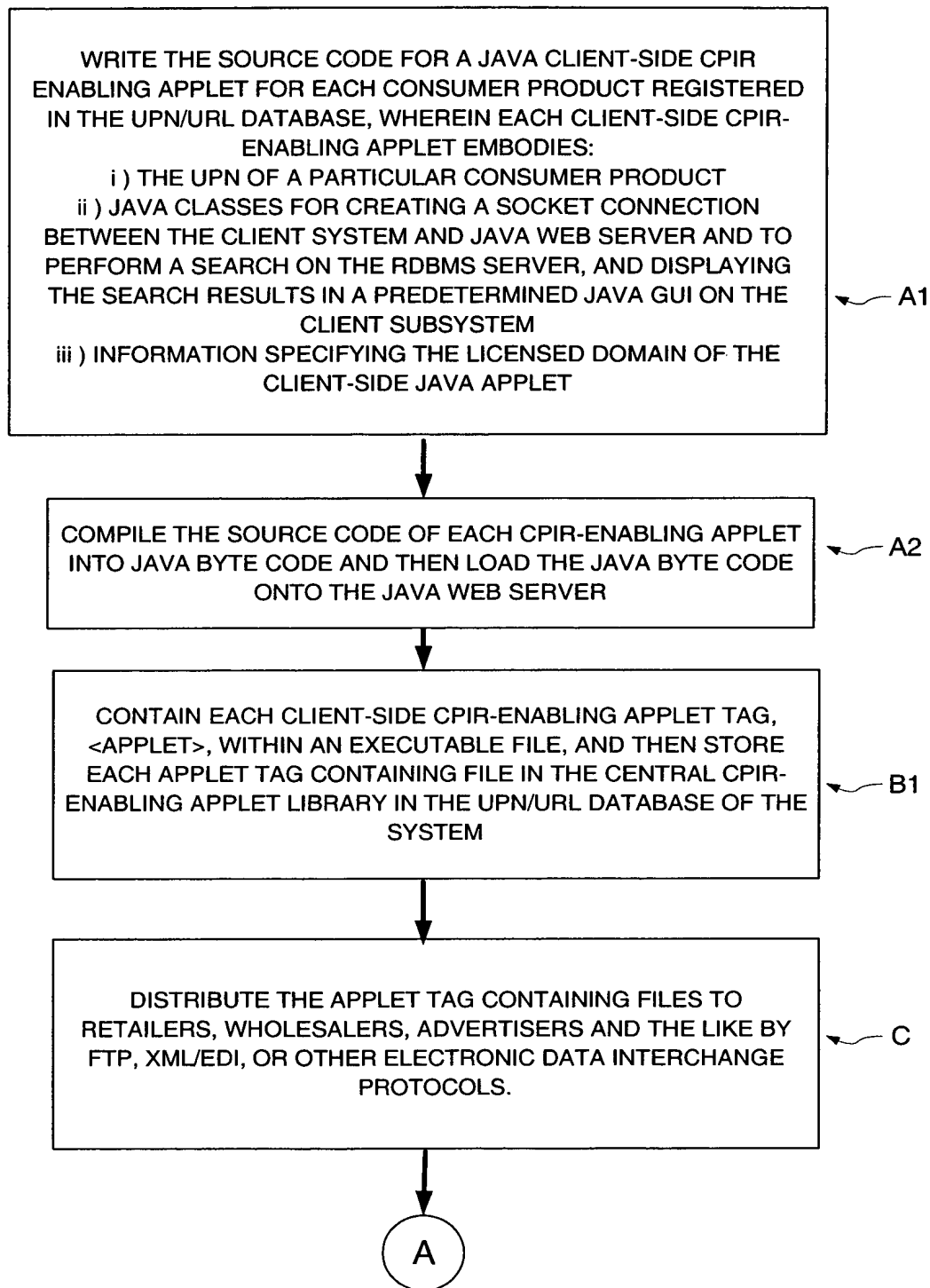


FIG. 411

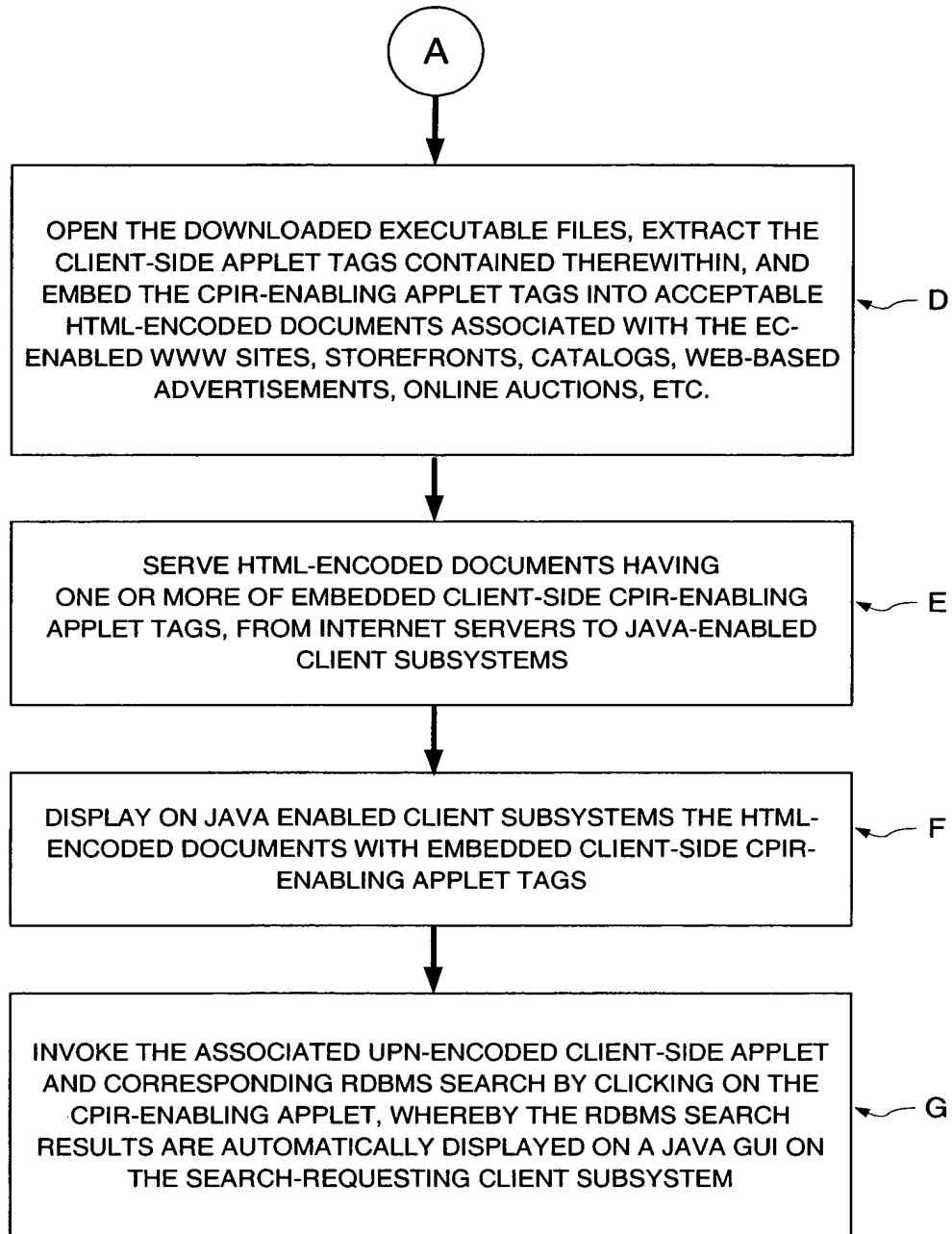


FIG. 412

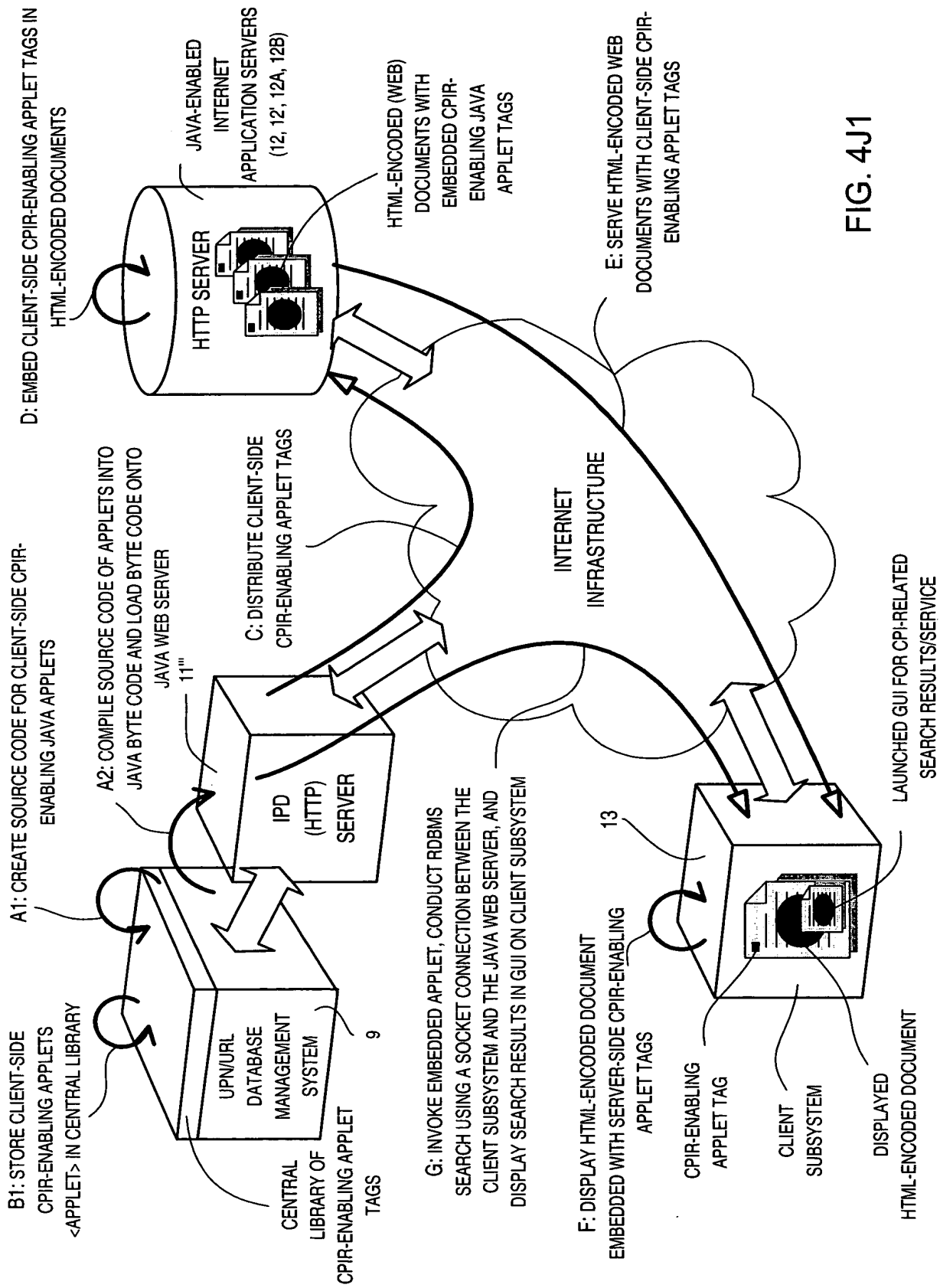


FIG. 4J1

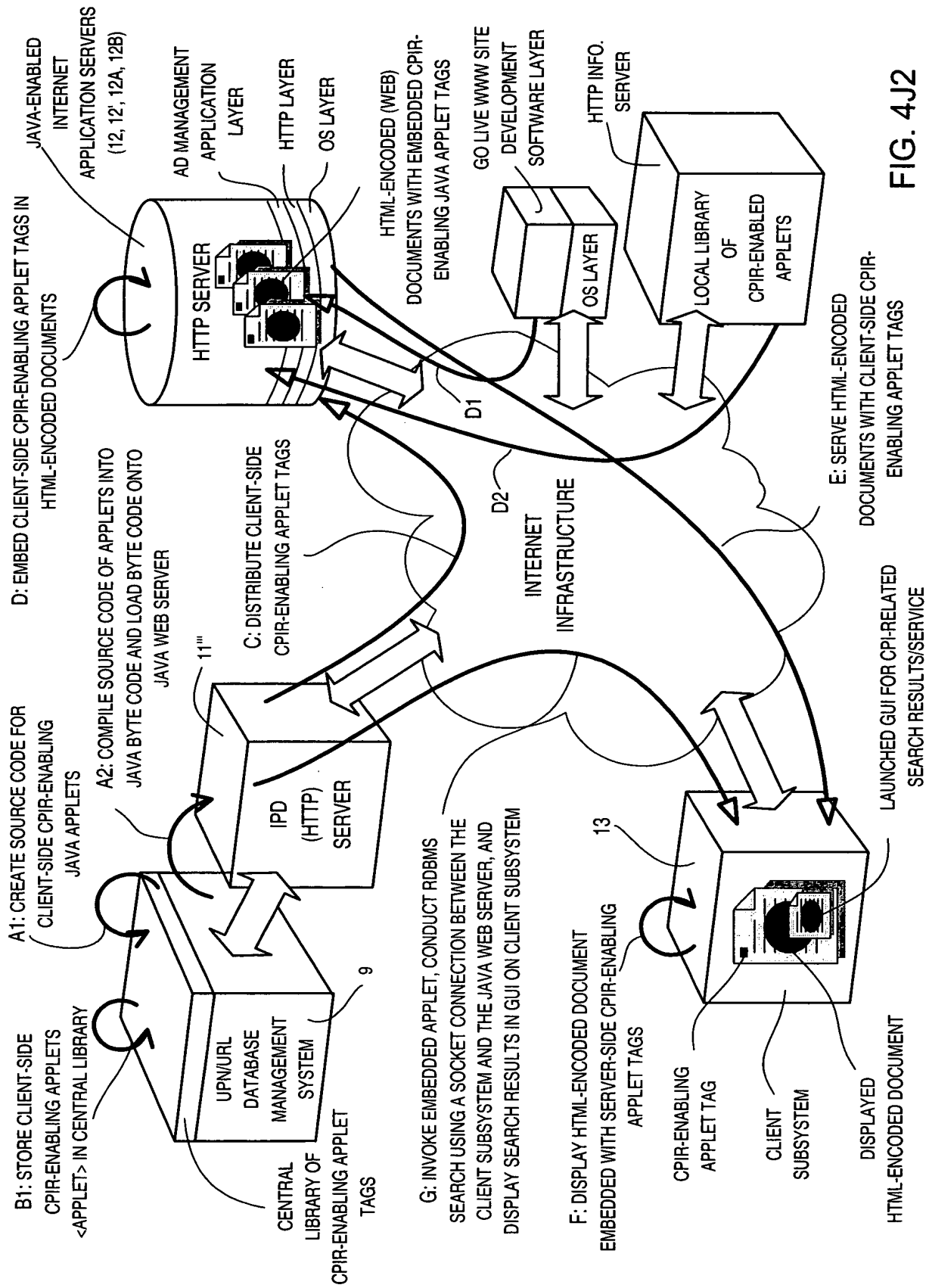


FIG. 4J2

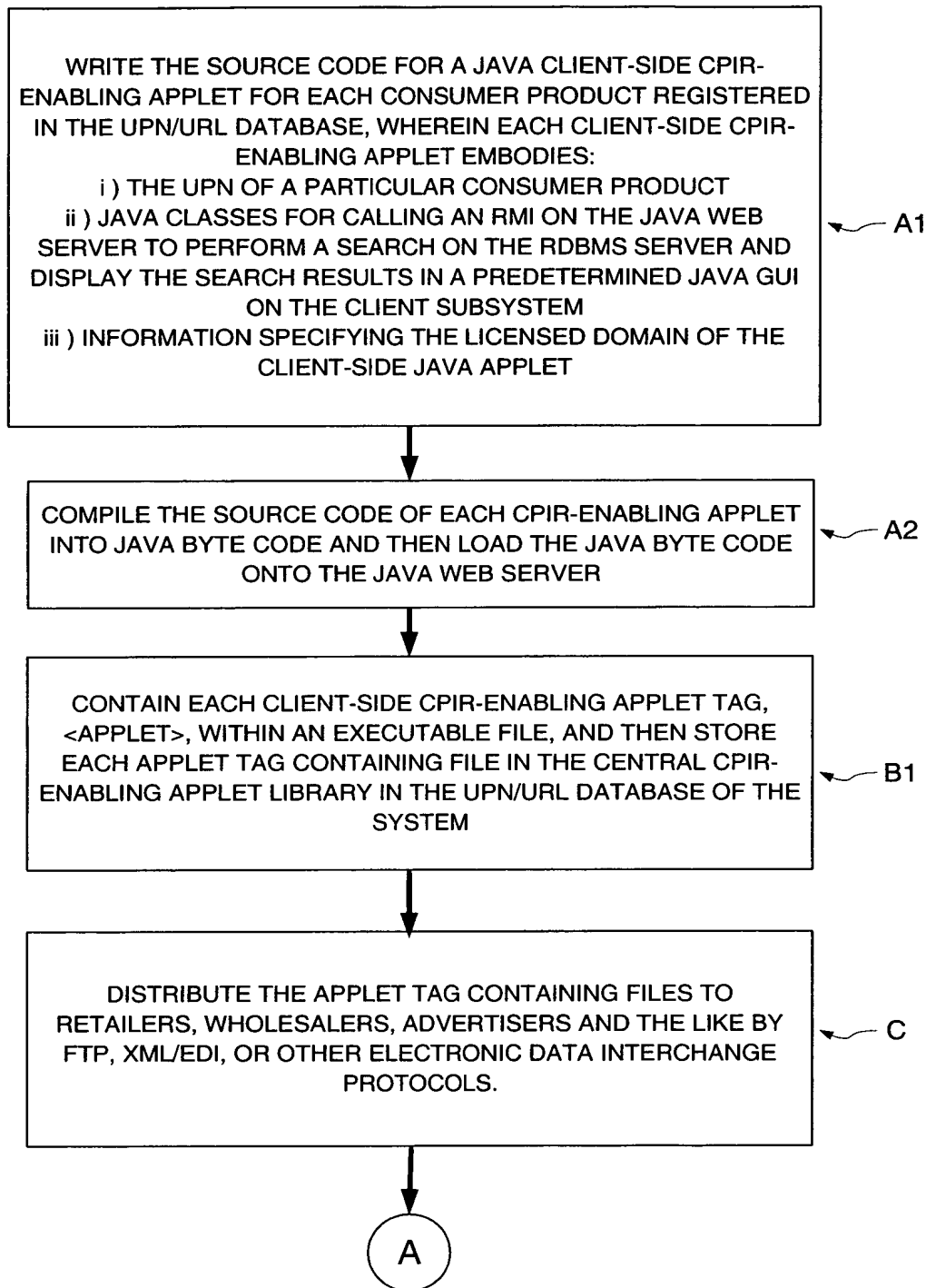


FIG. 4K1

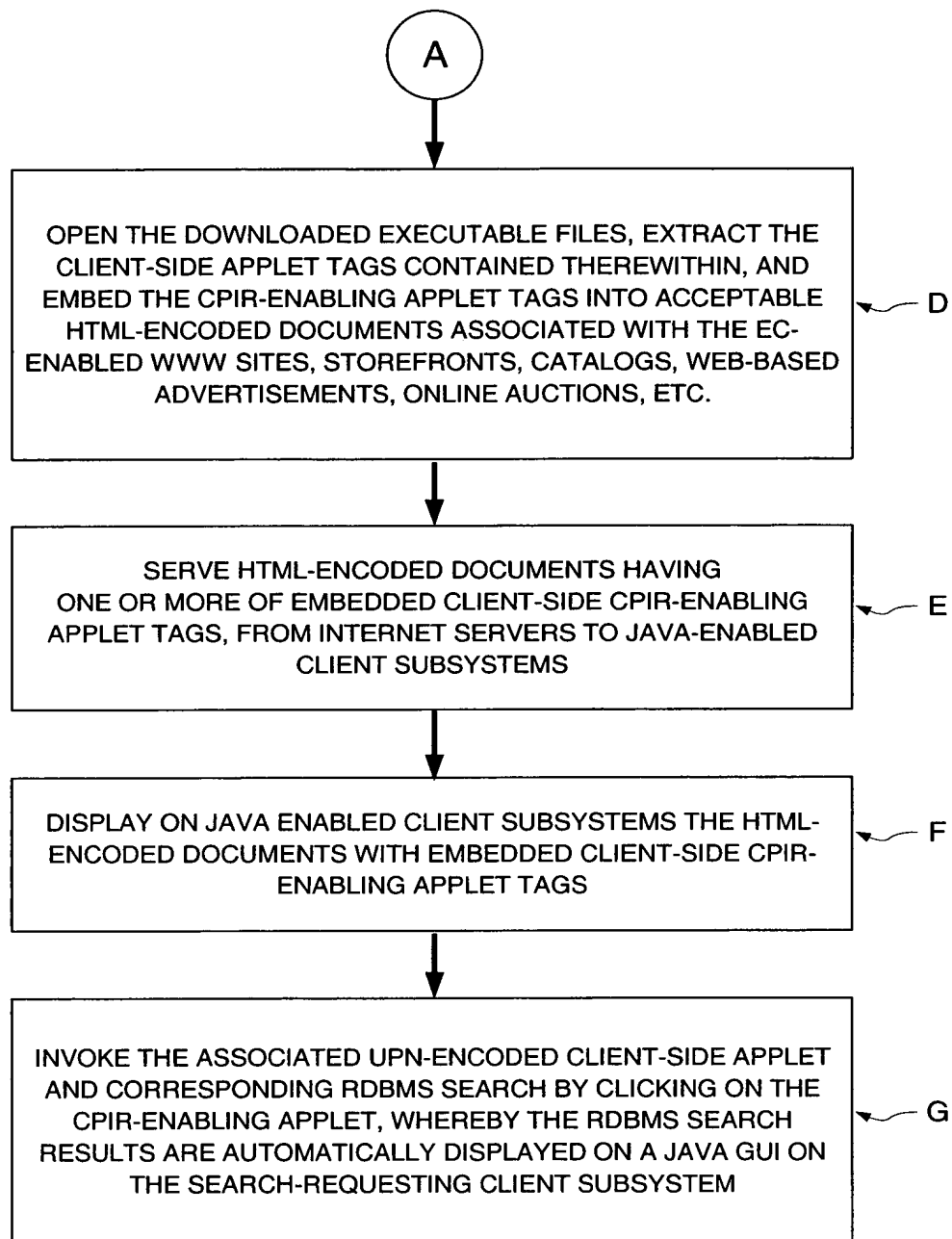


FIG. 4K2

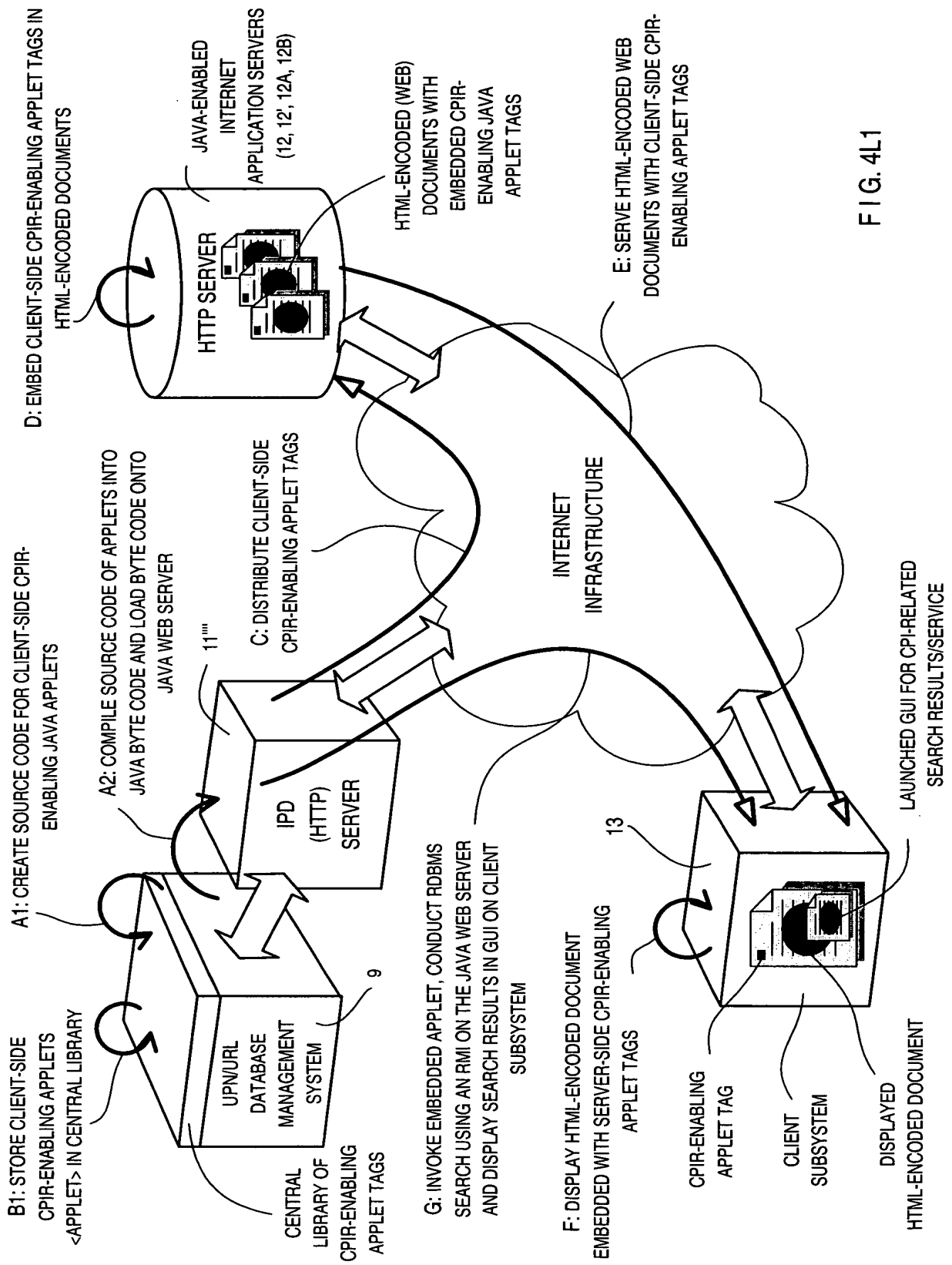


FIG. 4L1

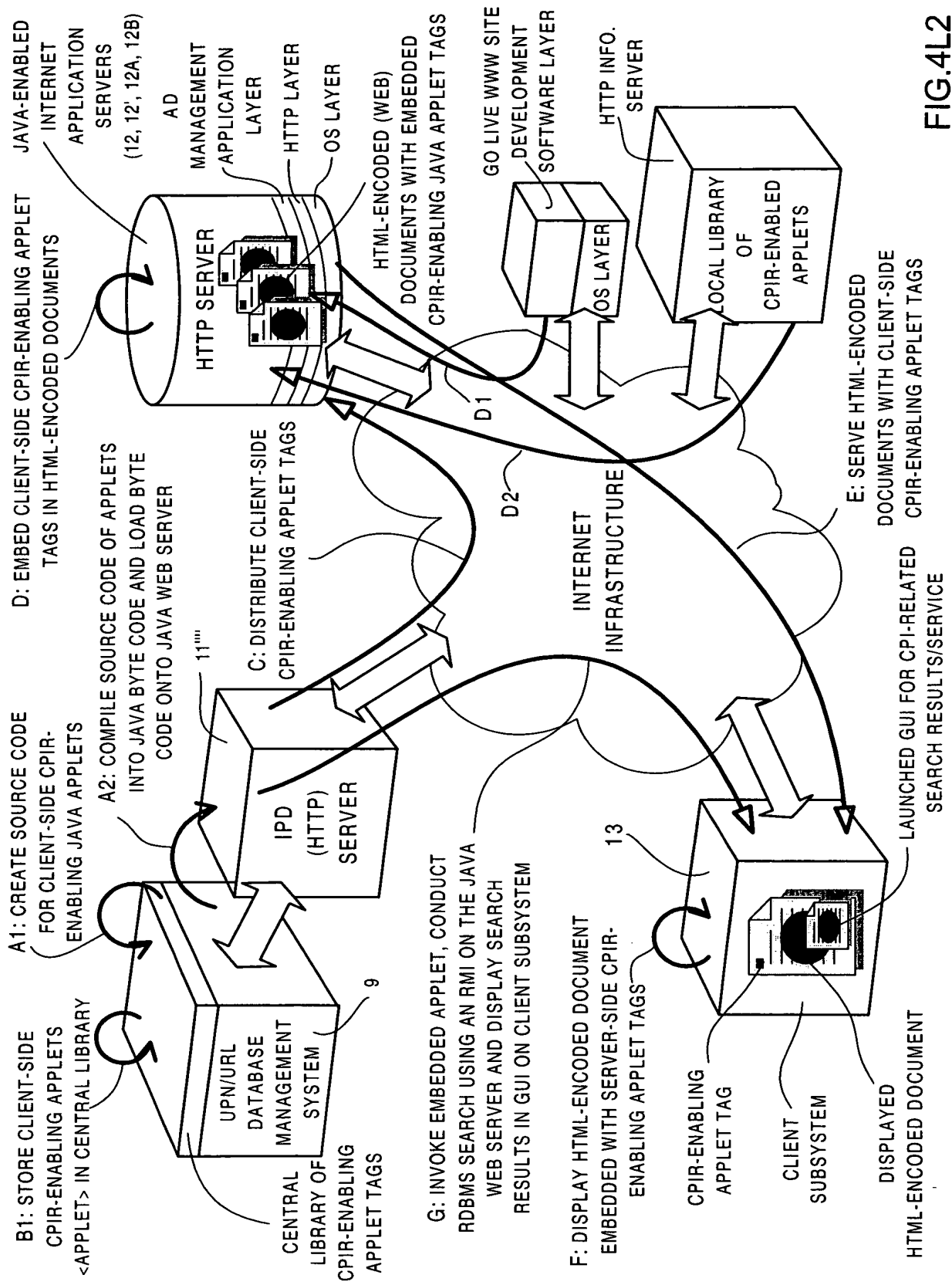


FIG.4L2

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FIG. 4M1

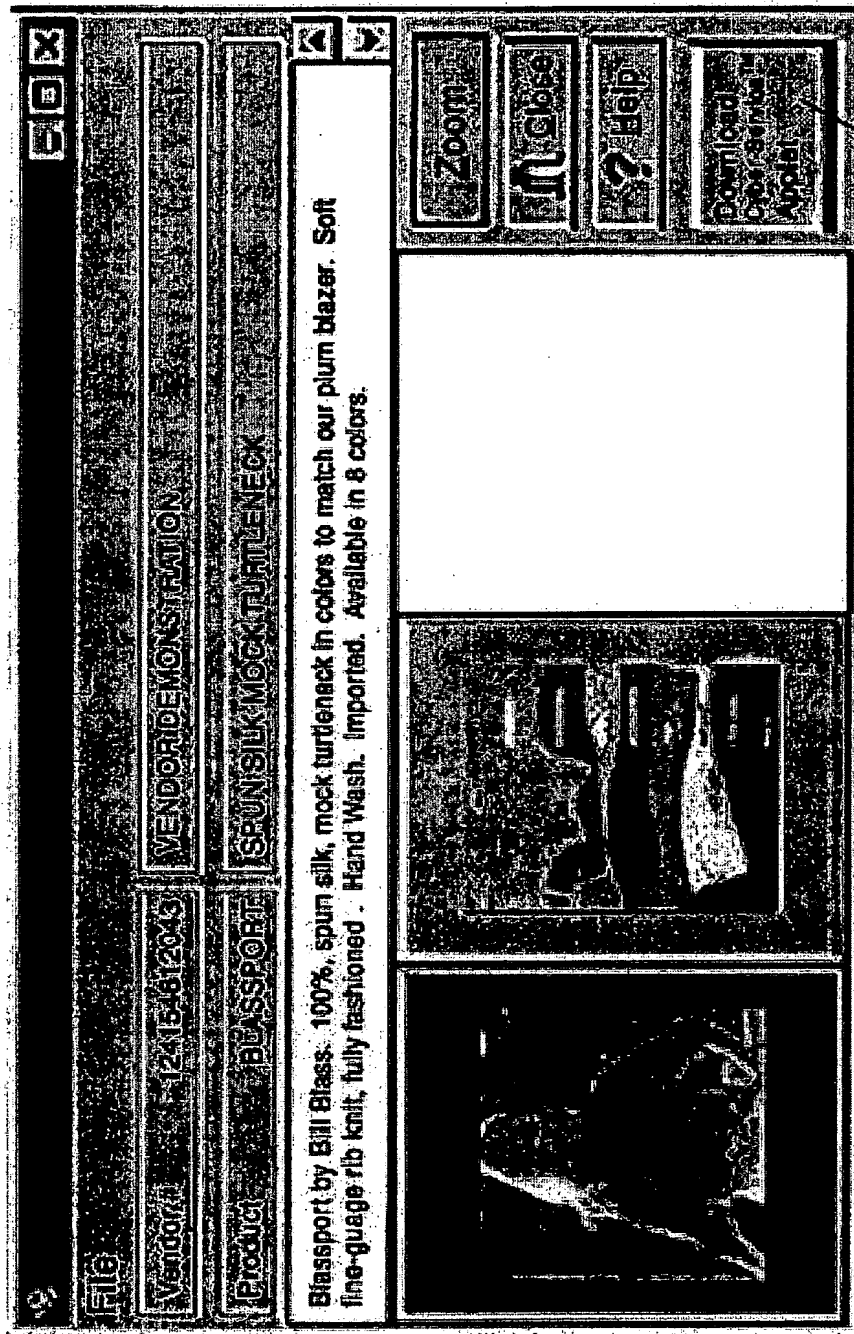


FIG. 4M2

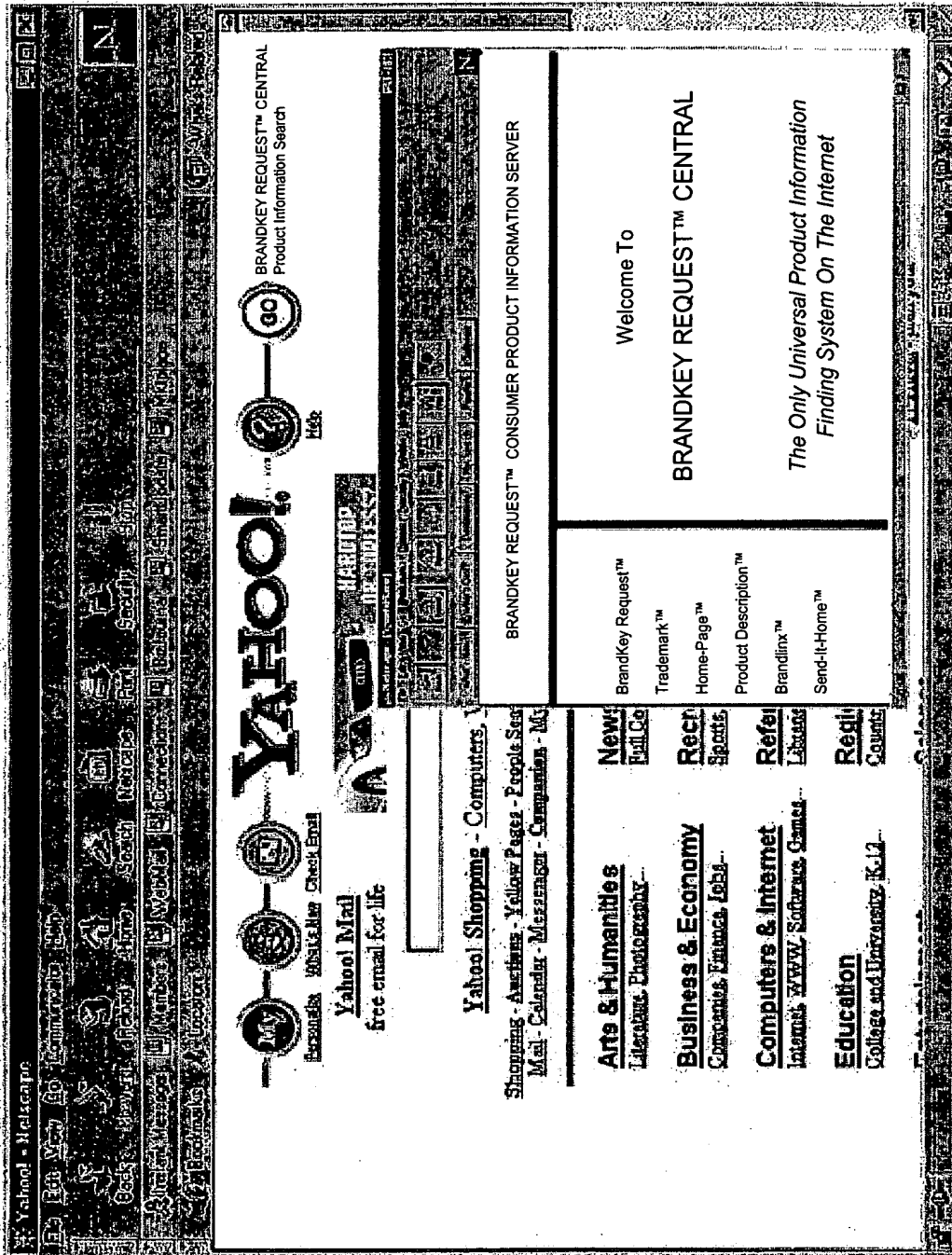


FIG. 4N2

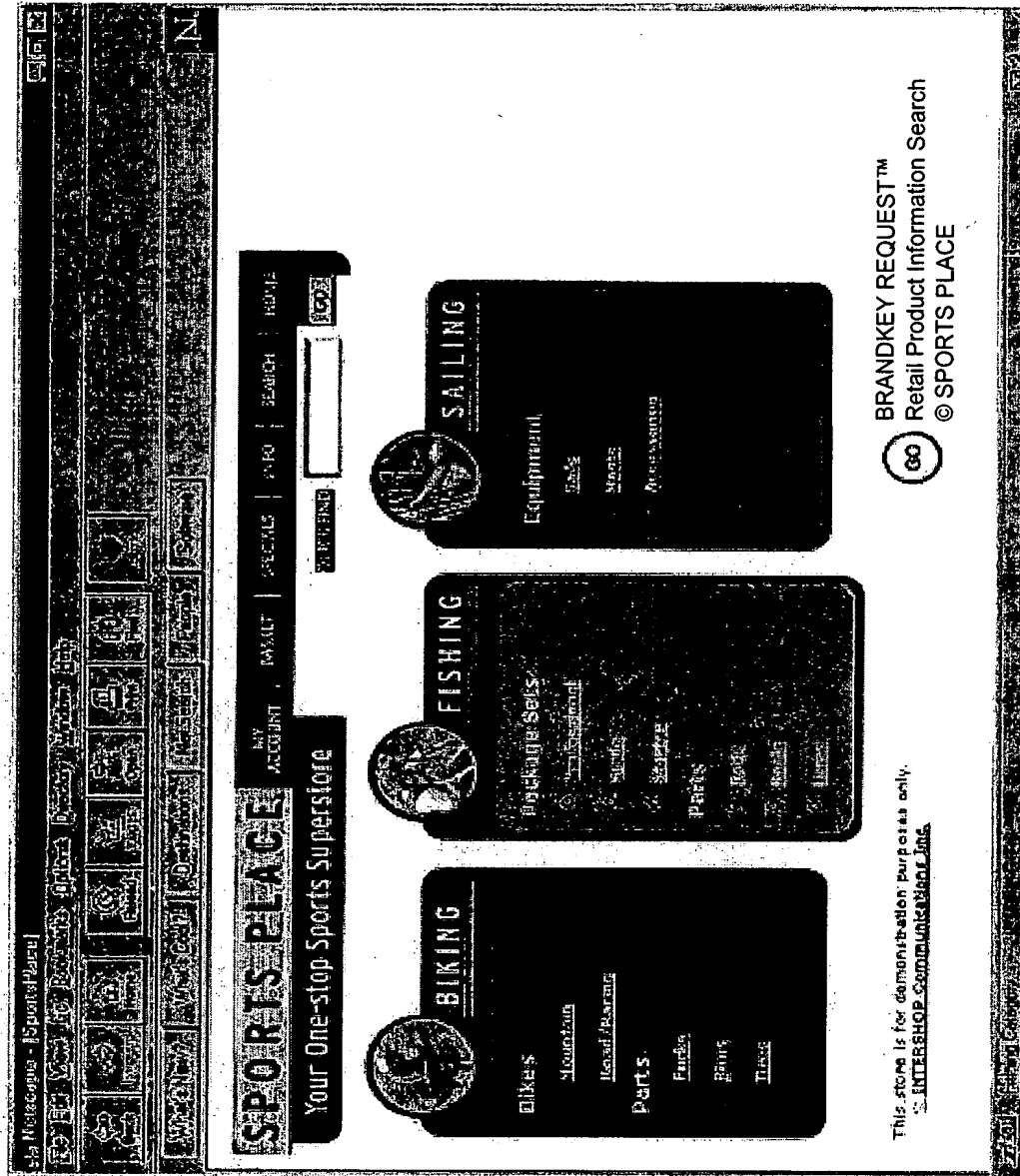


FIG. 401

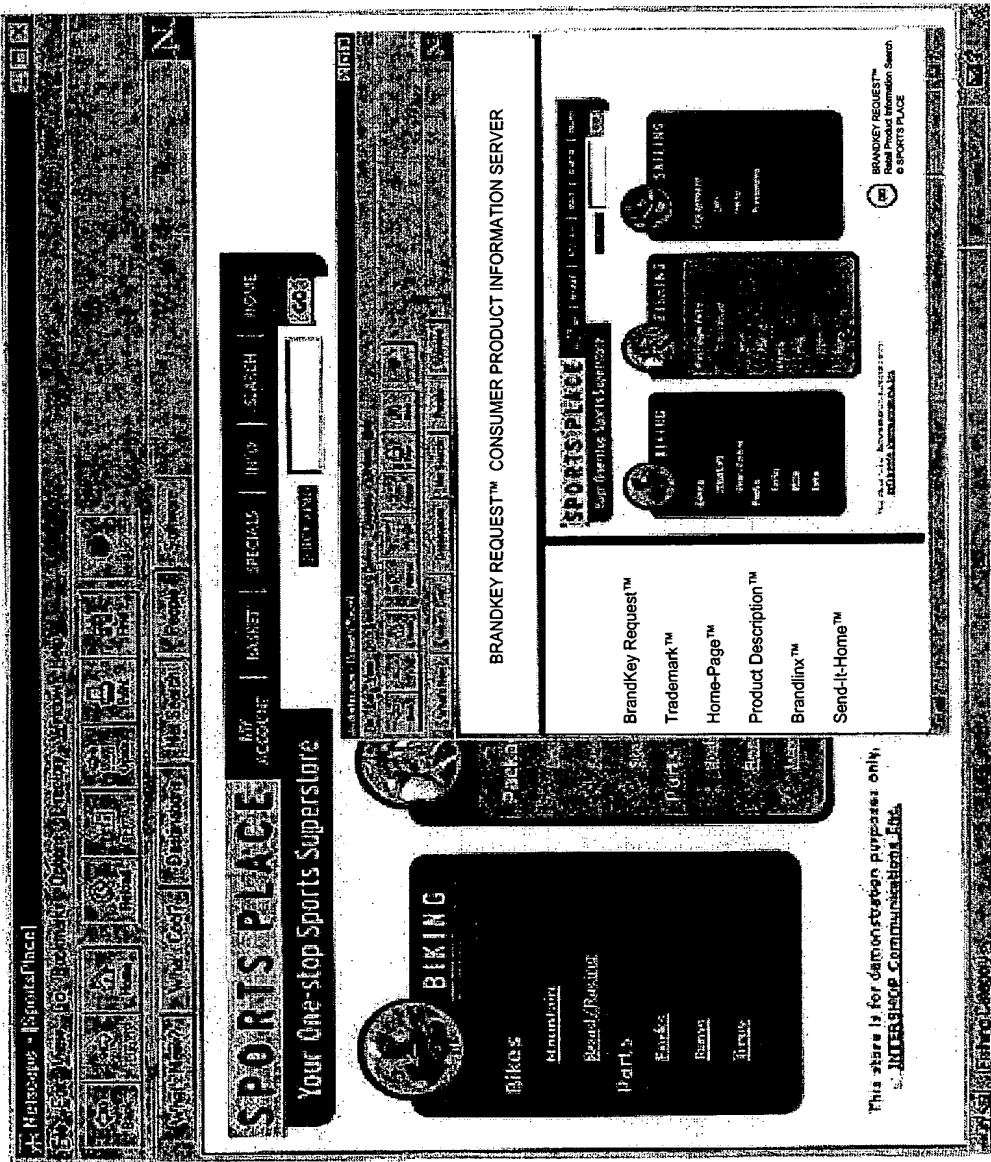


FIG. 402

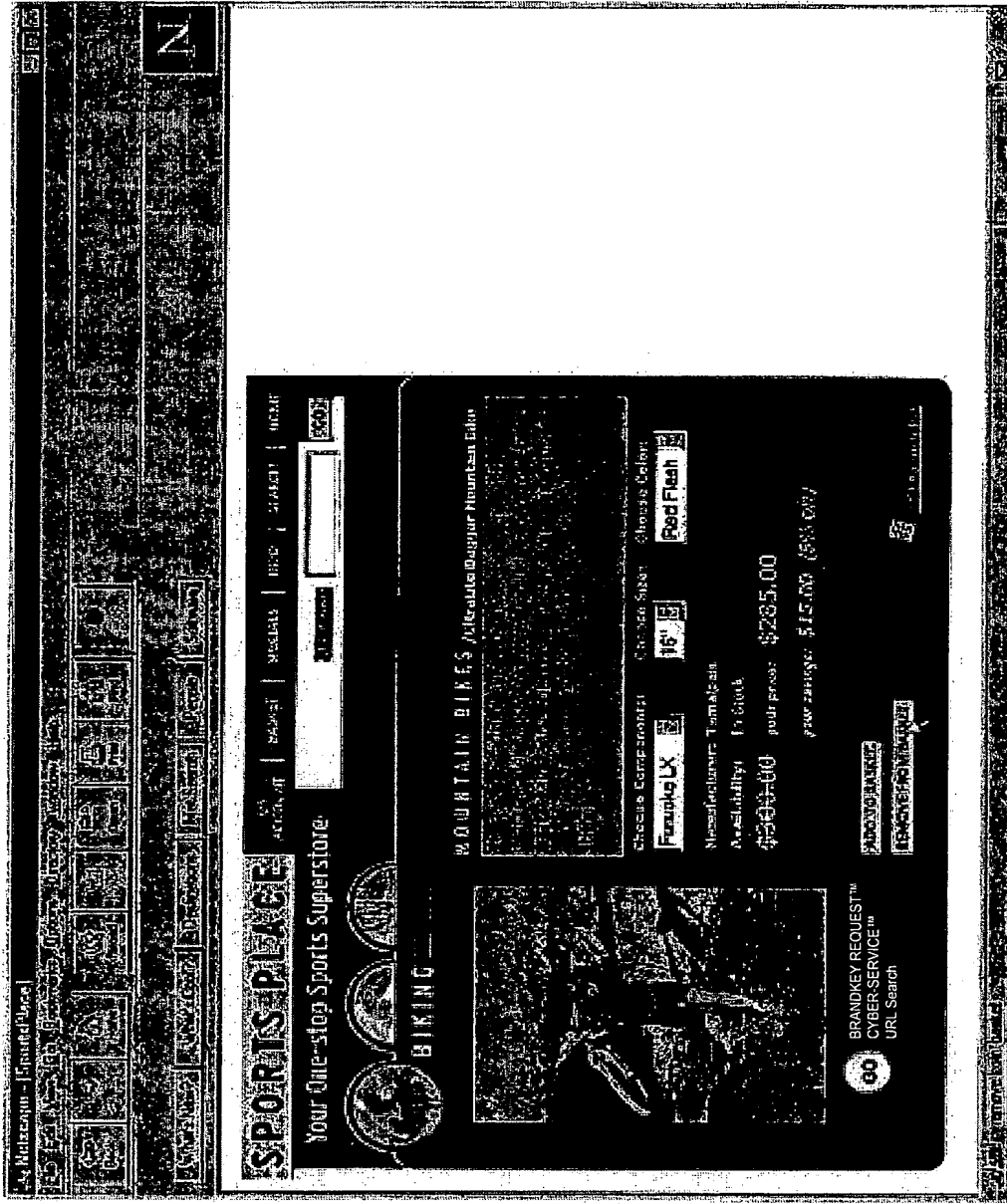


FIG. 4P1

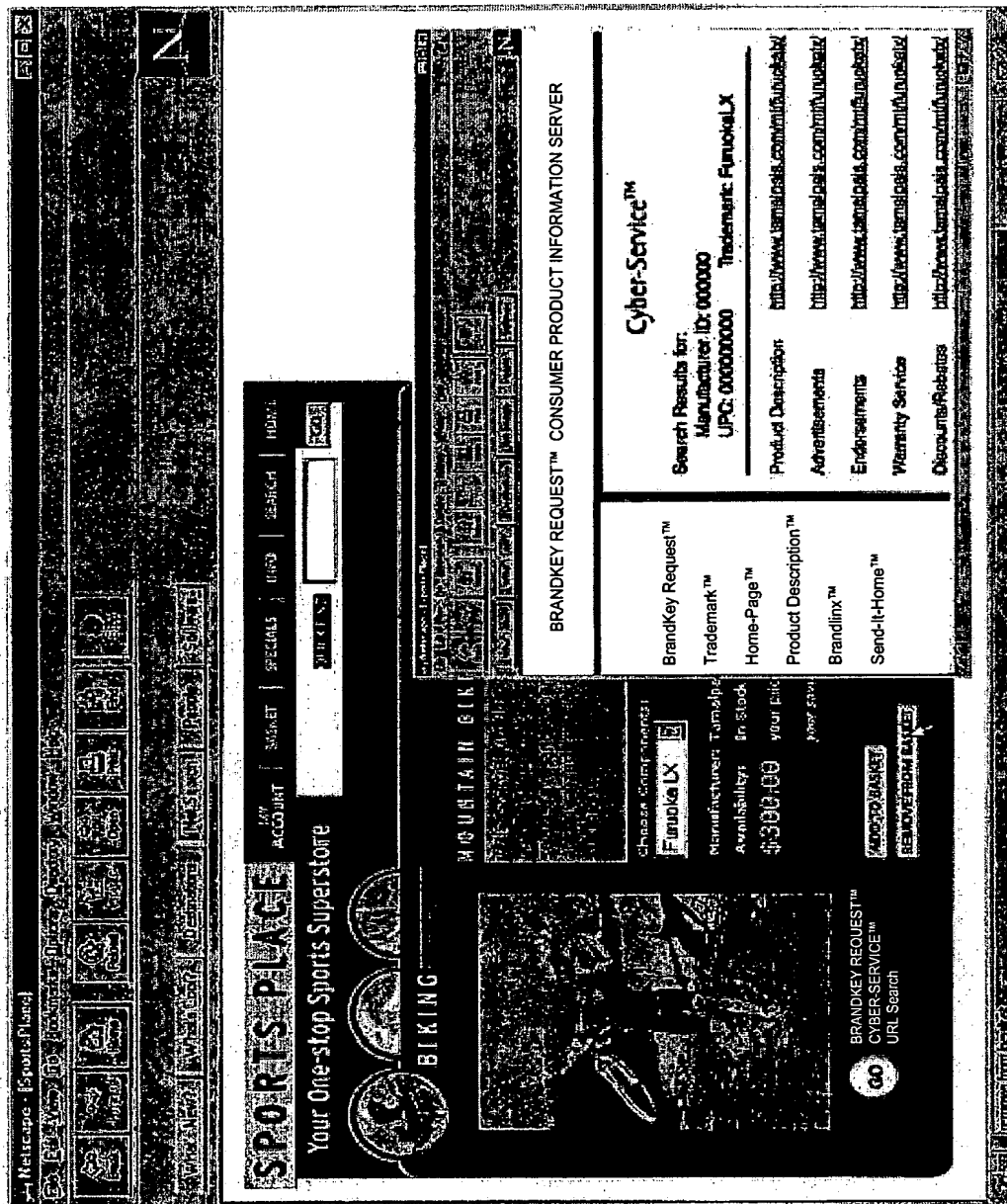


FIG. 4P2

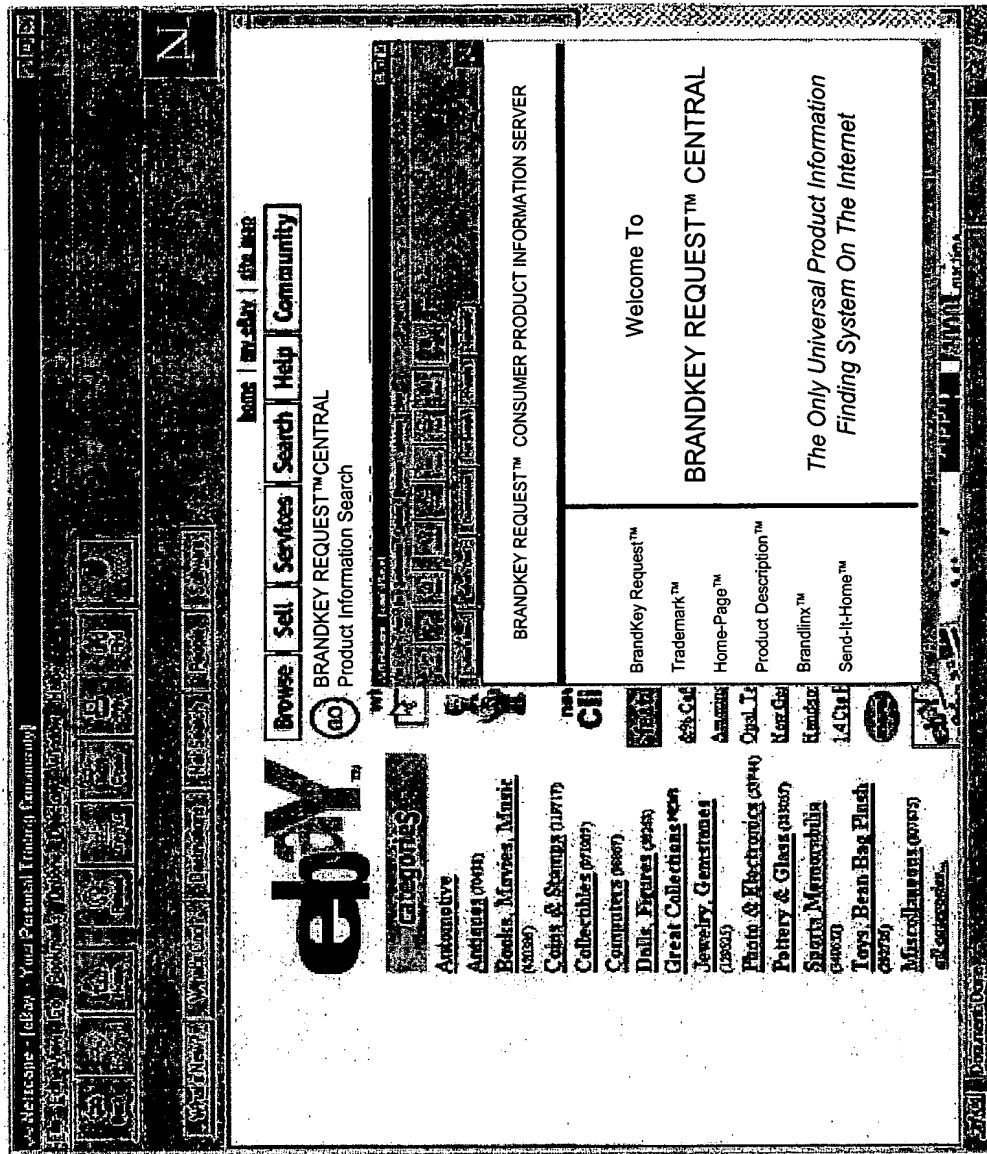


FIG. 4Q2

[illegible]

FIG. 4R1

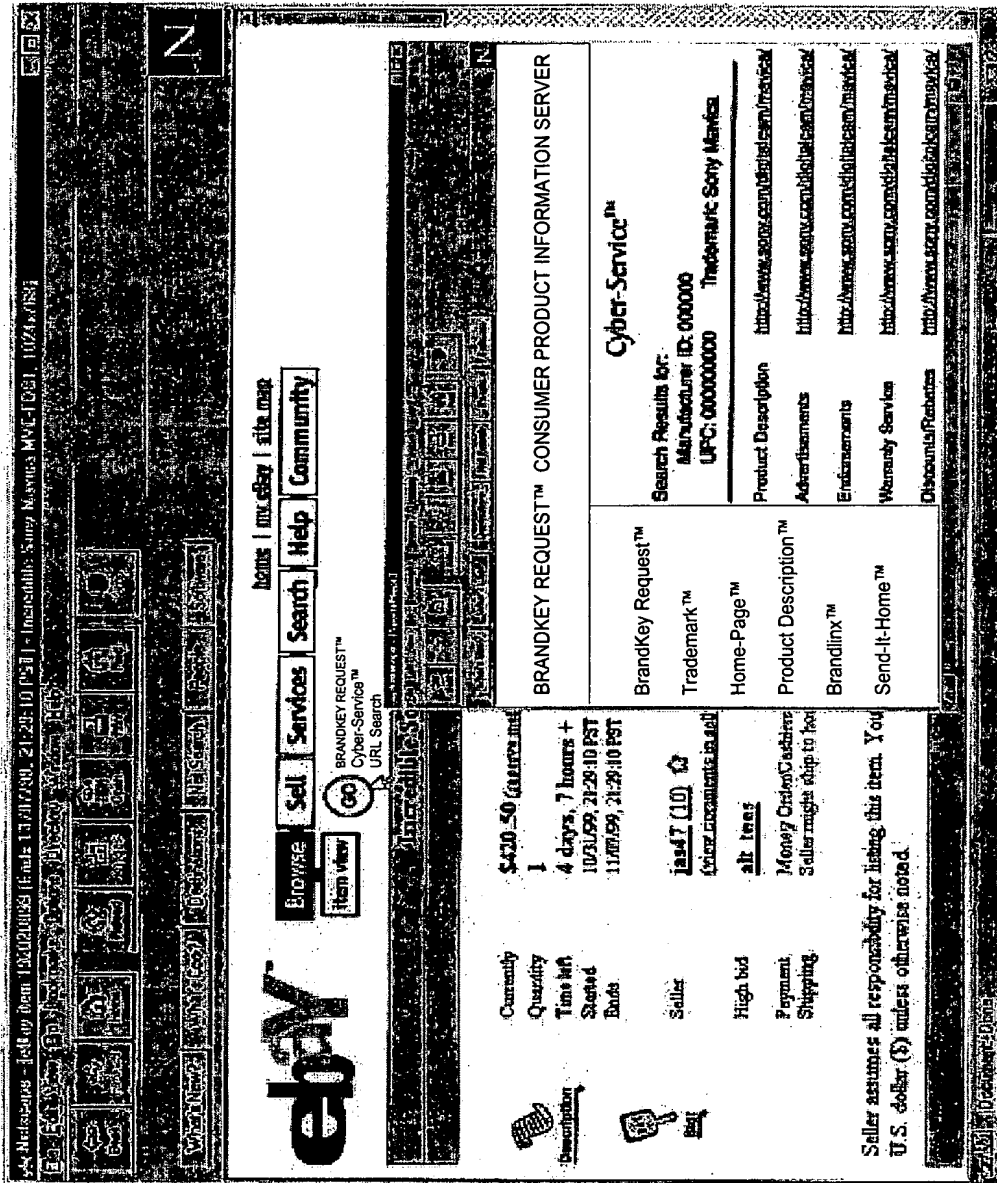


FIG. 4R2

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350- or 400MHz PowerPC G3 processor

ATI RAGE 128 VR 2D/3D accelerated graphics

64MB or 128MB of SDRAM; supports up to 512MB

FIG. 4S3

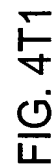


FIG. 4T1

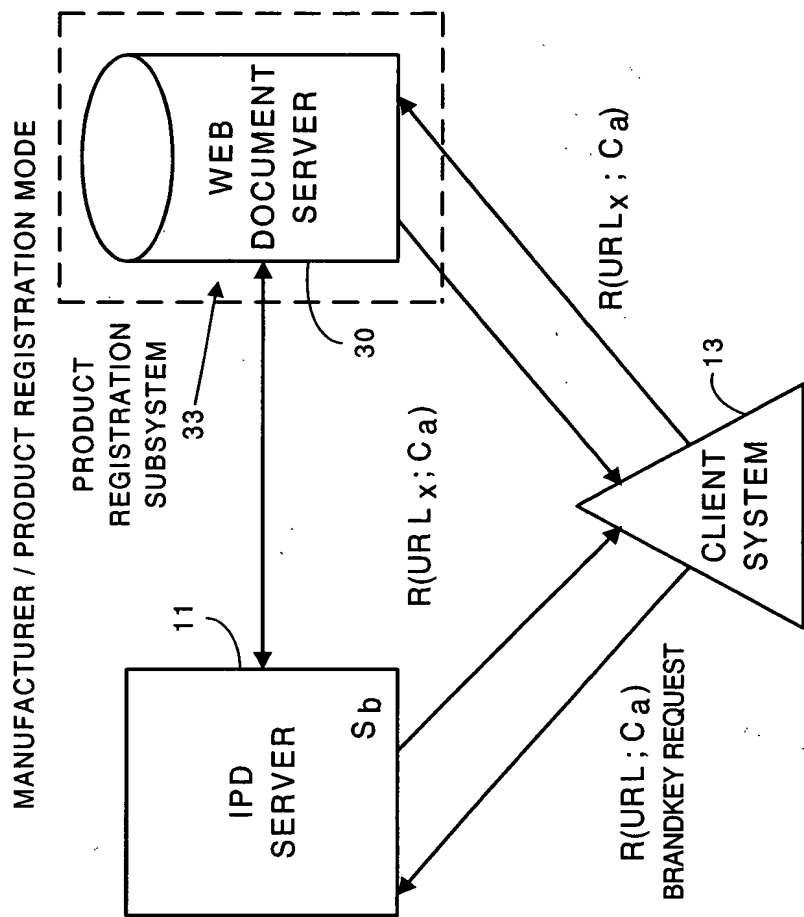


FIG. 5A

MANUFACTURER WEBSITE SEARCH MODE

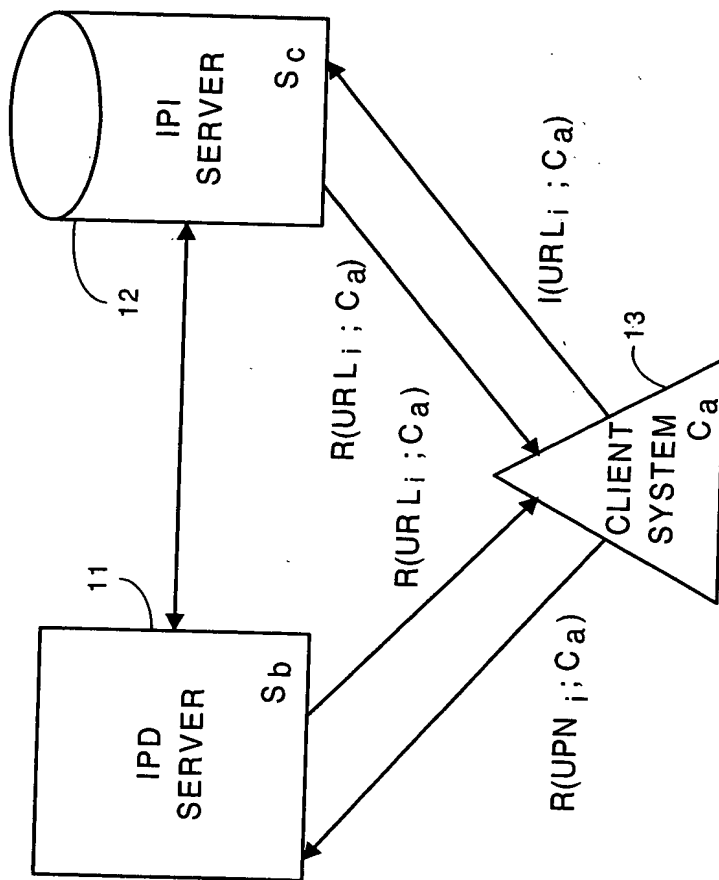


FIG. 5B

UPN - DIRECTED INFORMATION ACCESS MODE

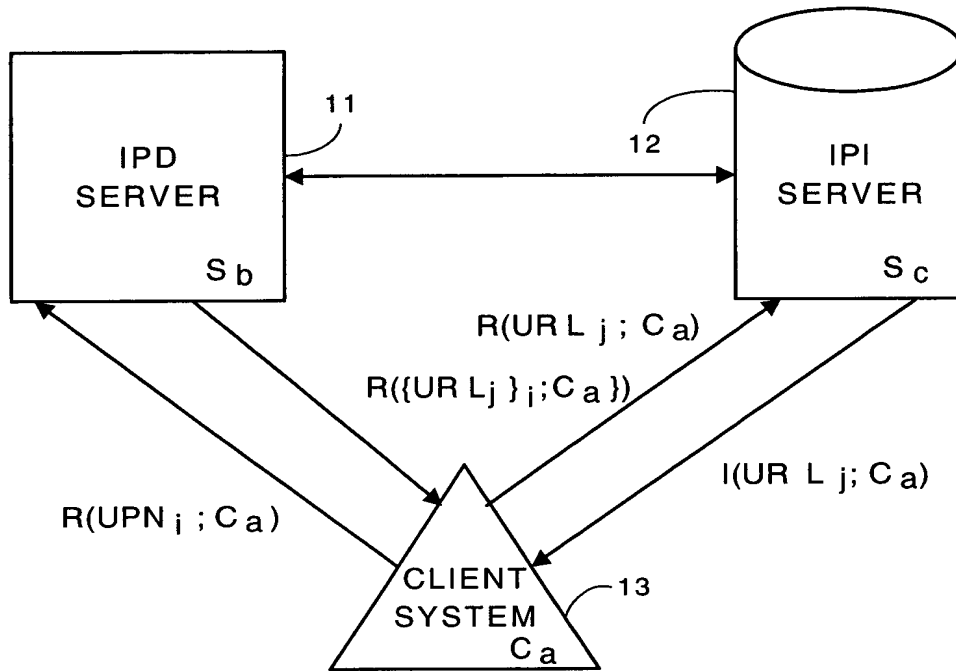


FIG. 5C

TRADE - MARK DIRECTED SEARCH MODE

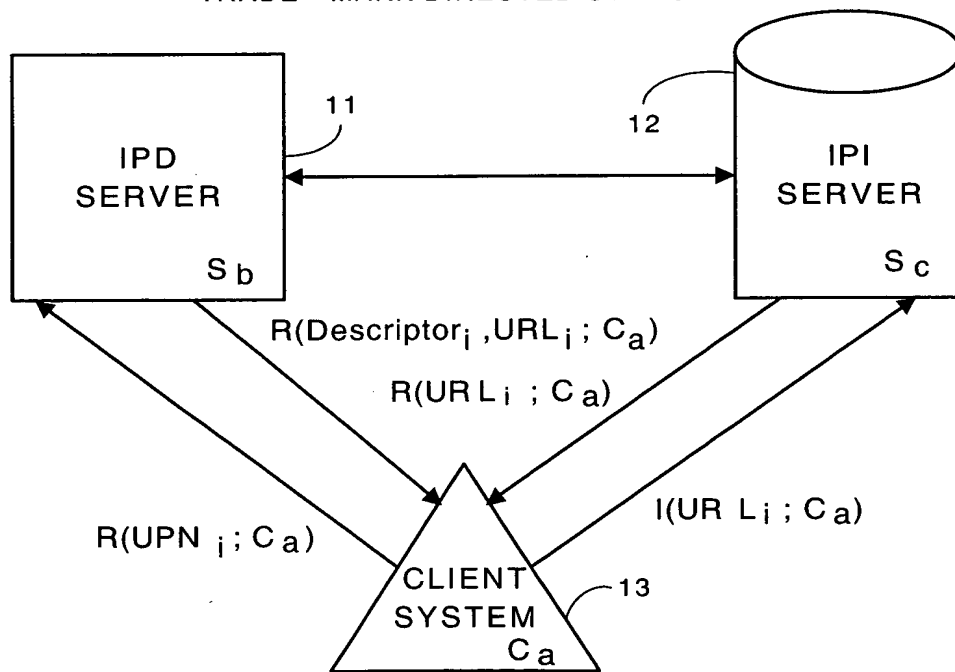


FIG. 5D

PRODUCT - DESCRIPTION DIRECTED SEARCH MODE

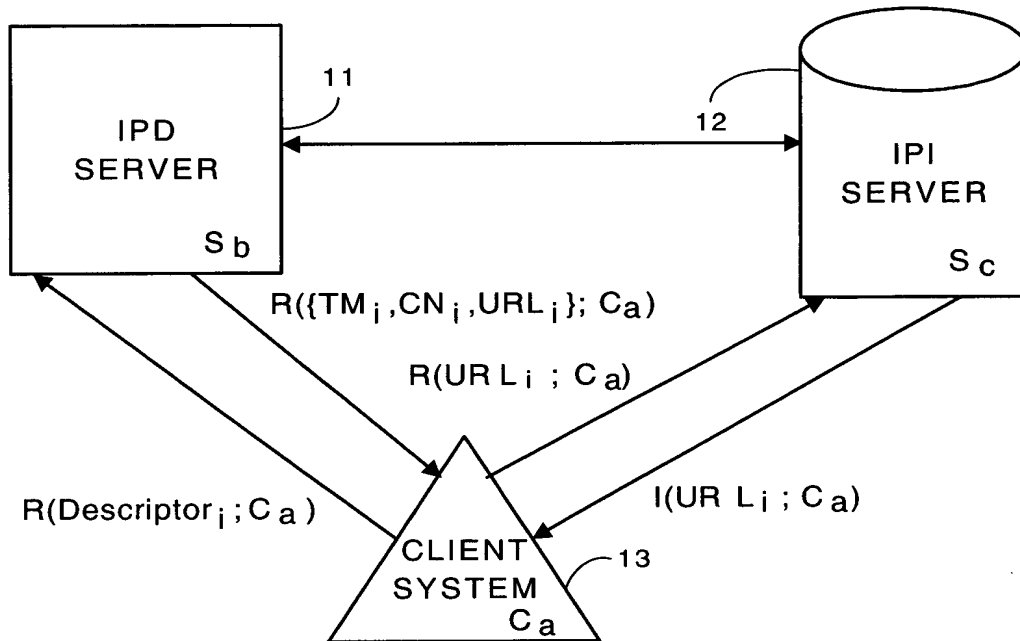


FIG. 5E

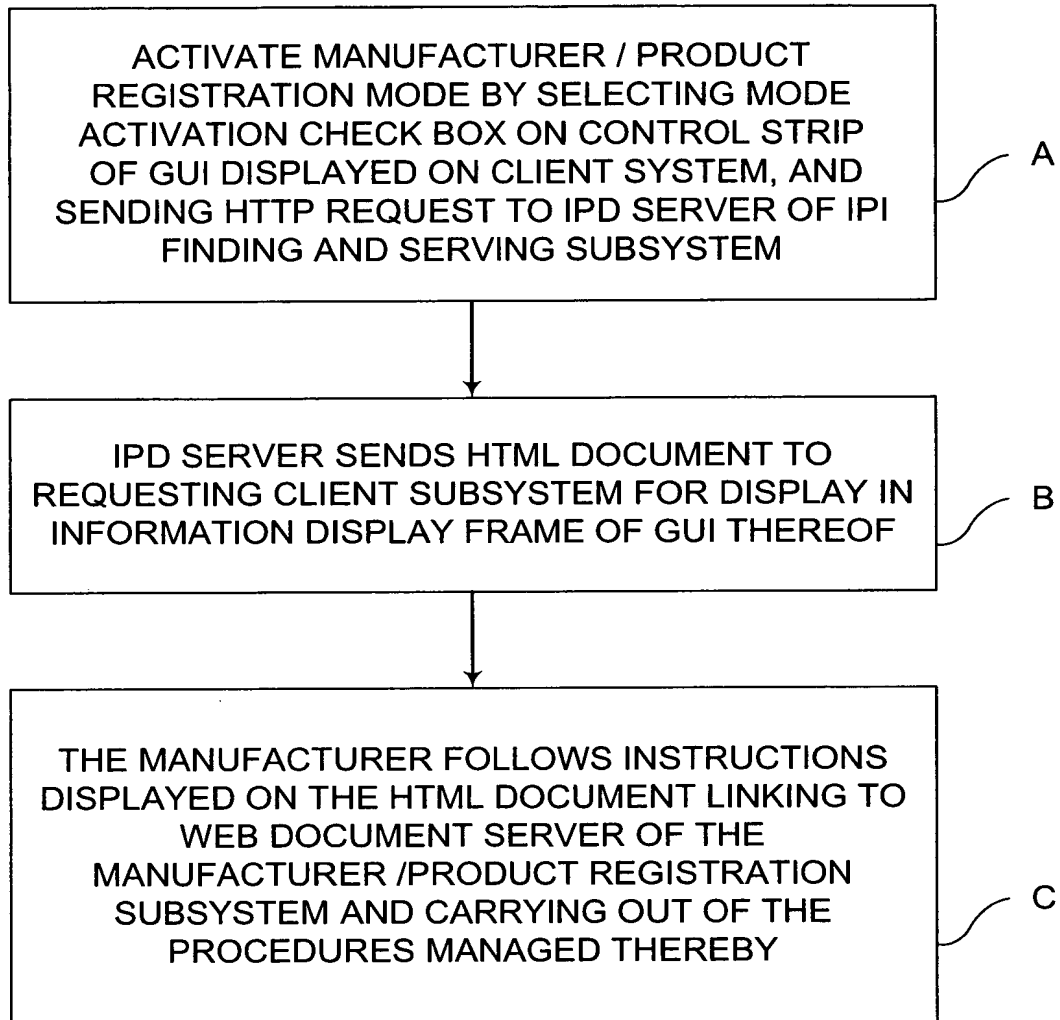


FIG. 6A

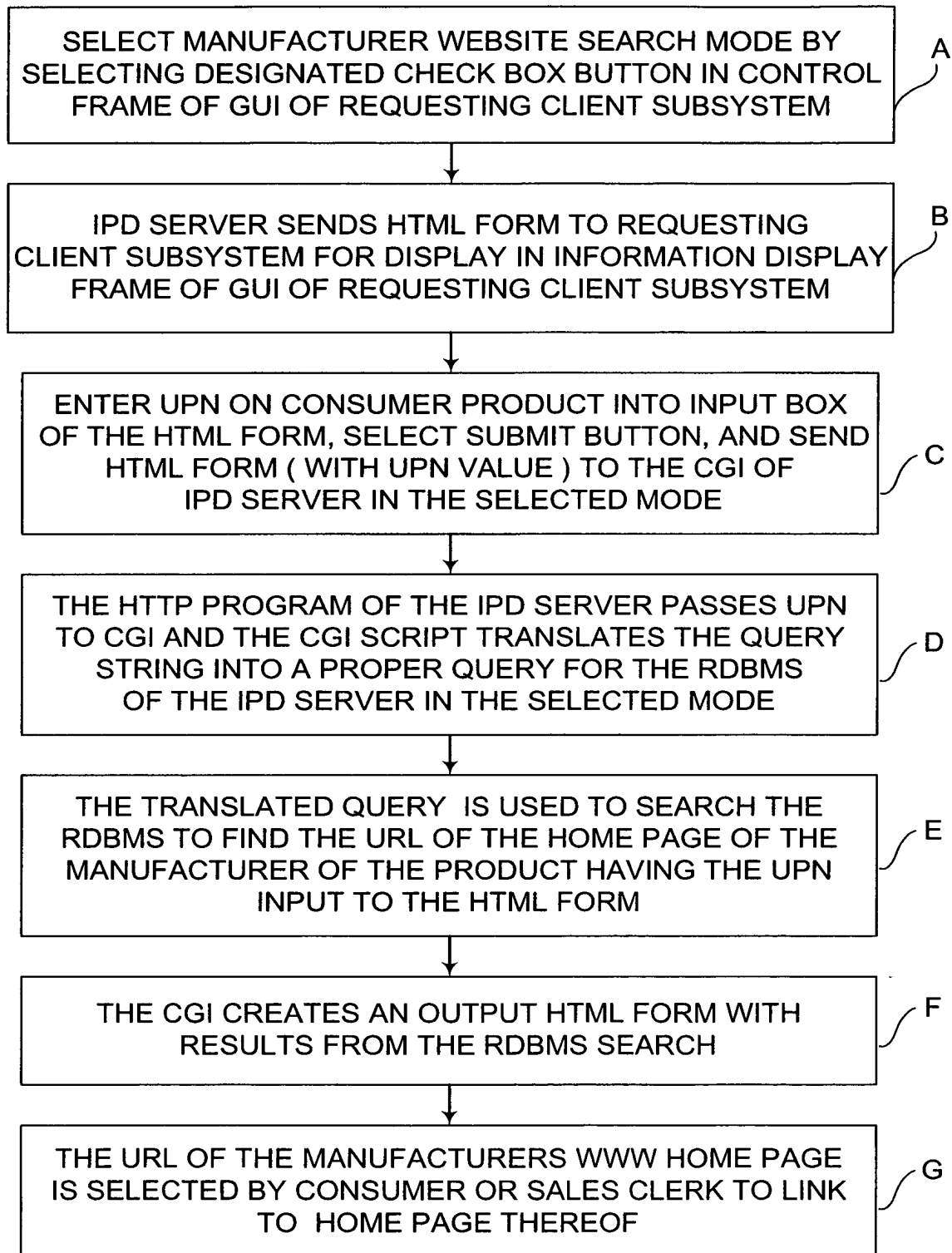


FIG. 6B

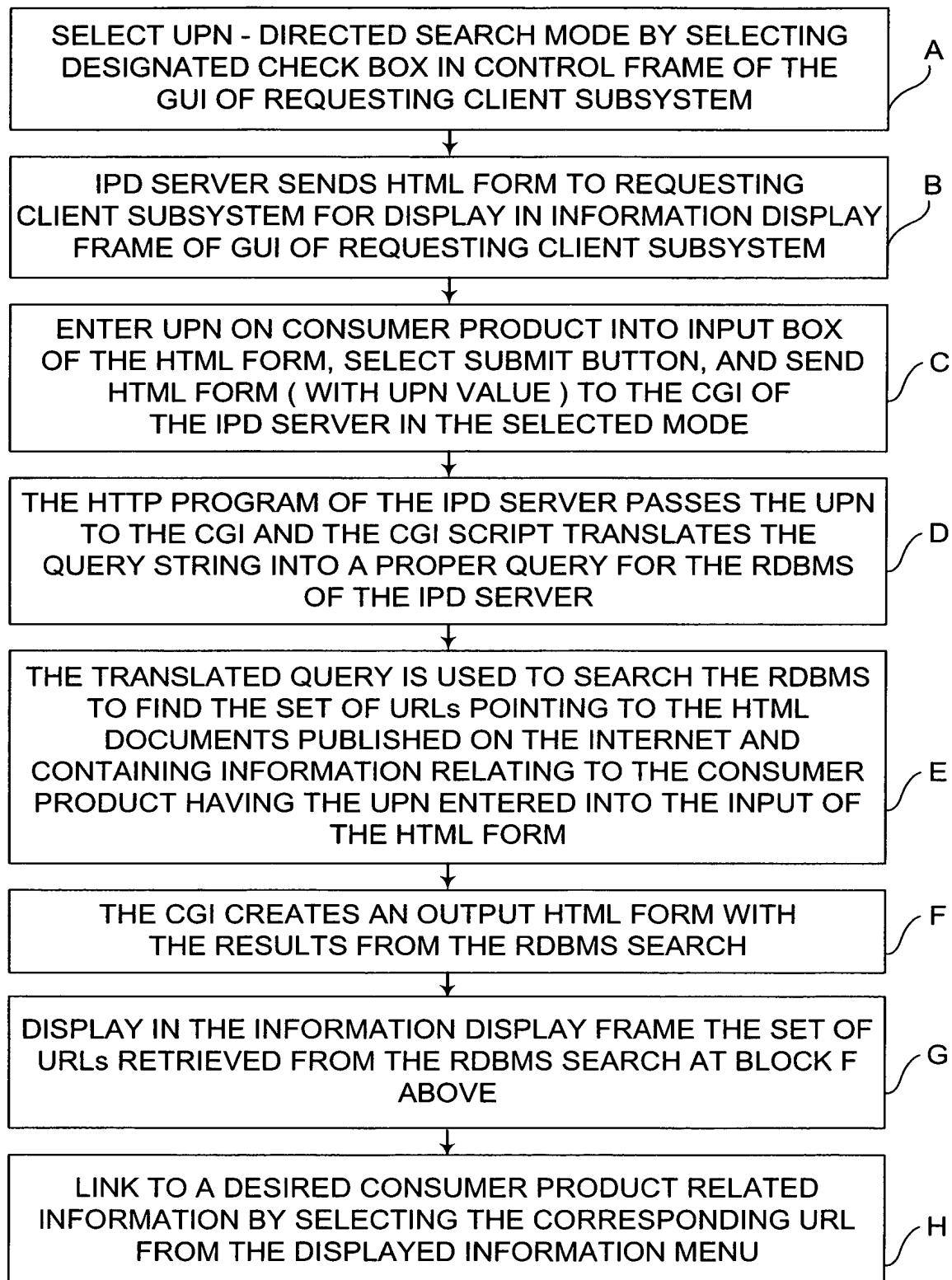


FIG. 6C

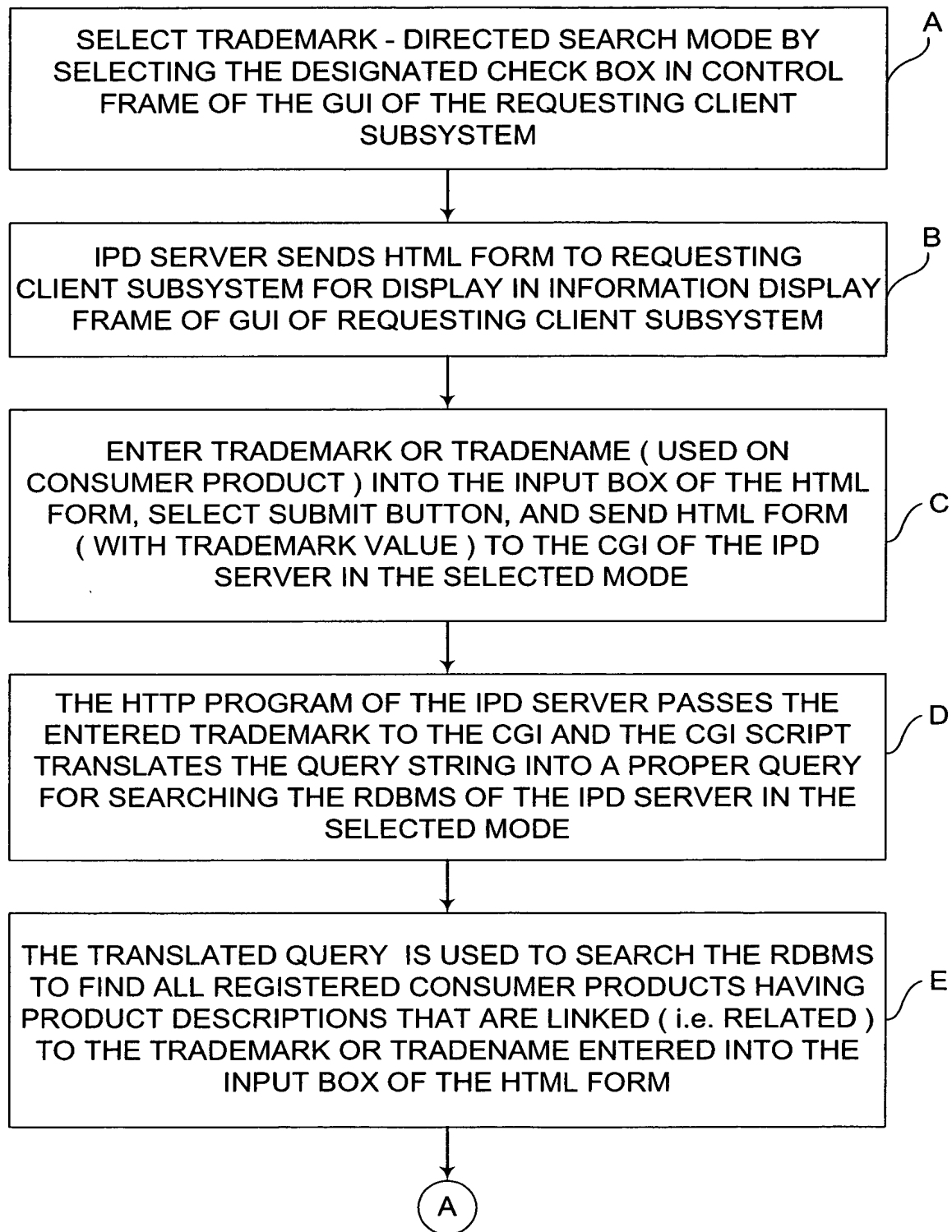


FIG. 6D1

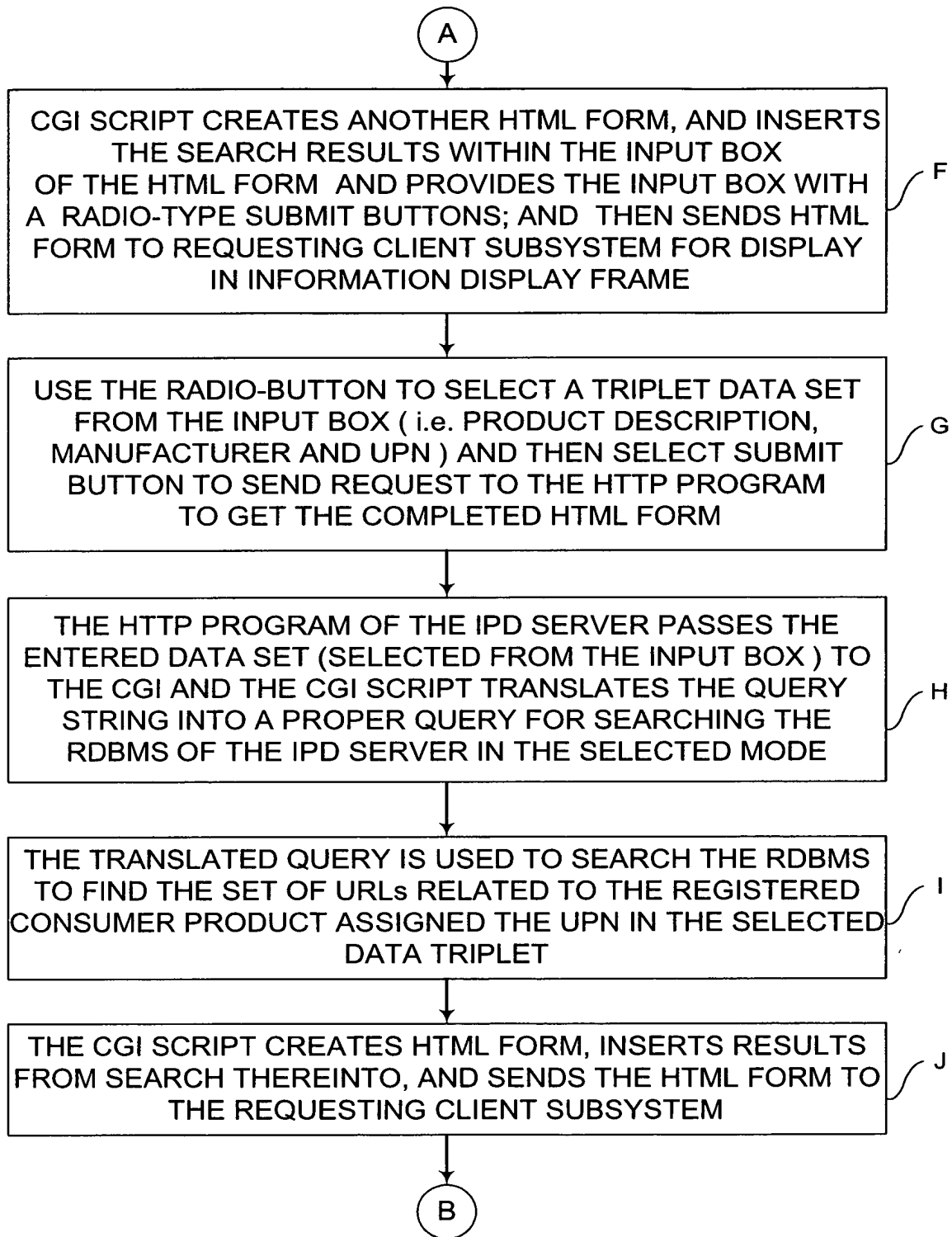


FIG. 6D2

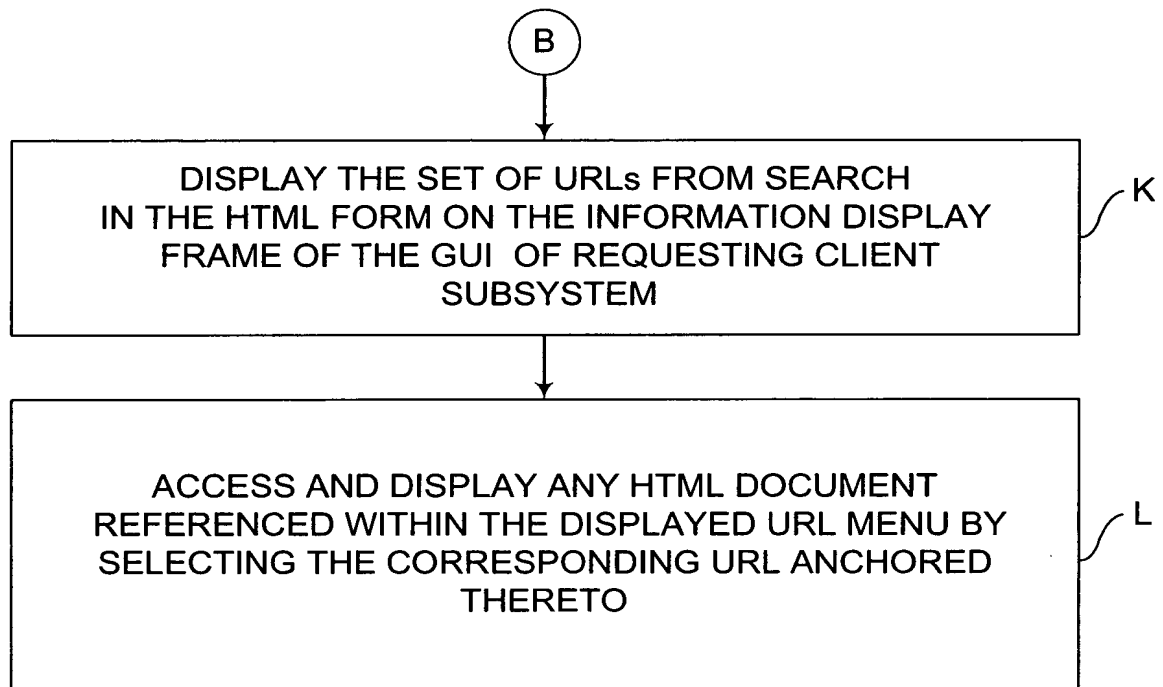


FIG. 6D3

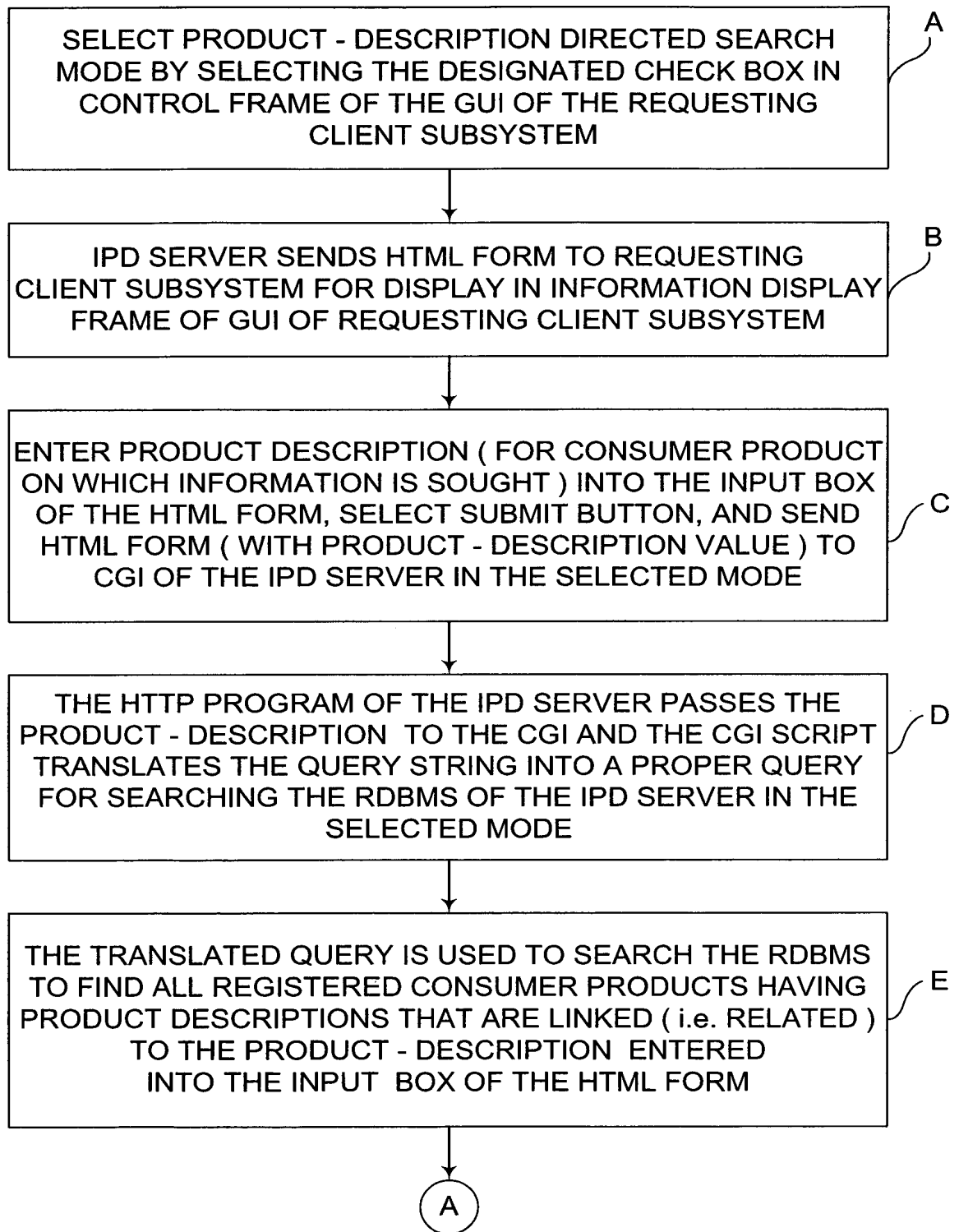


FIG. 6E1

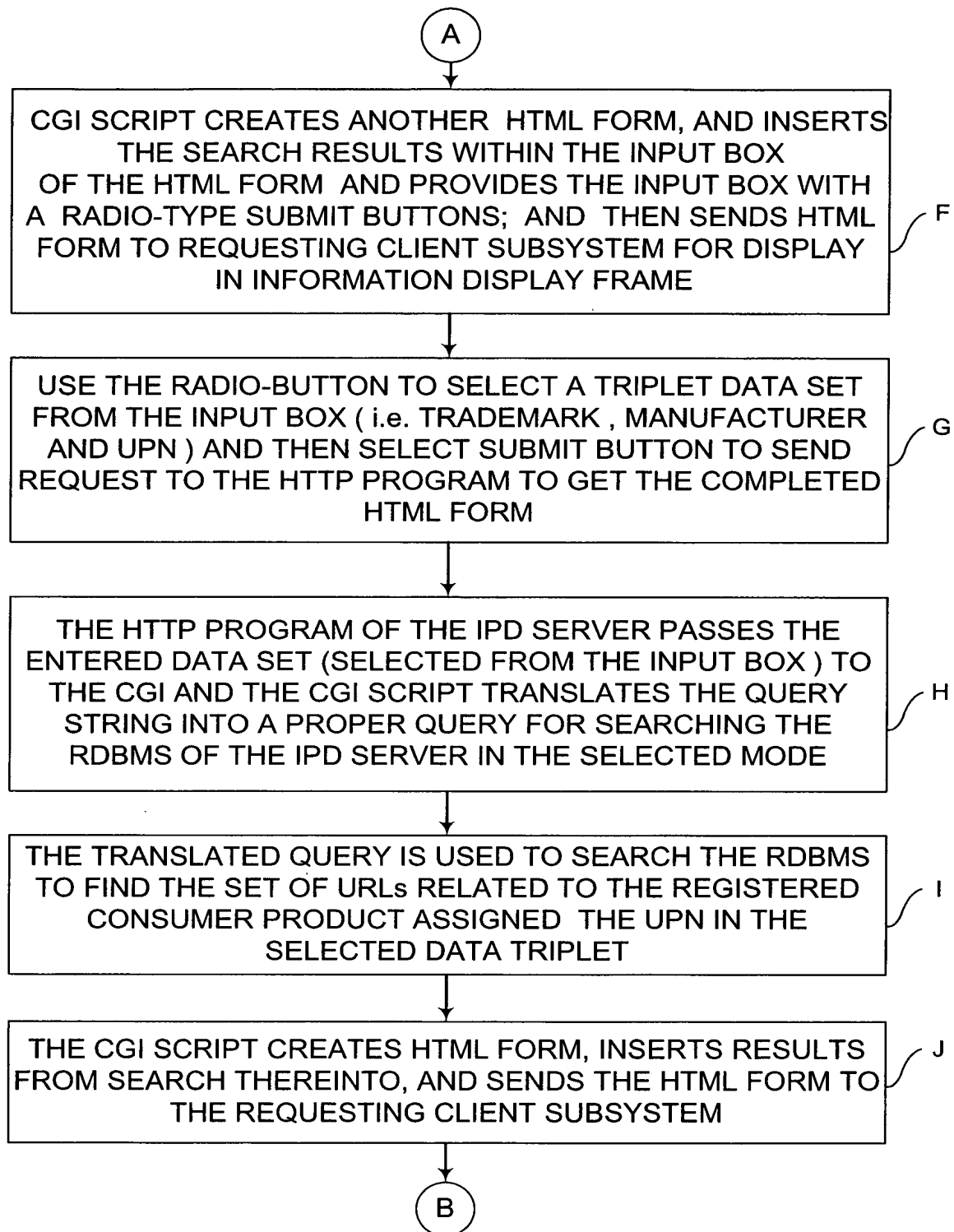


FIG. 6E2

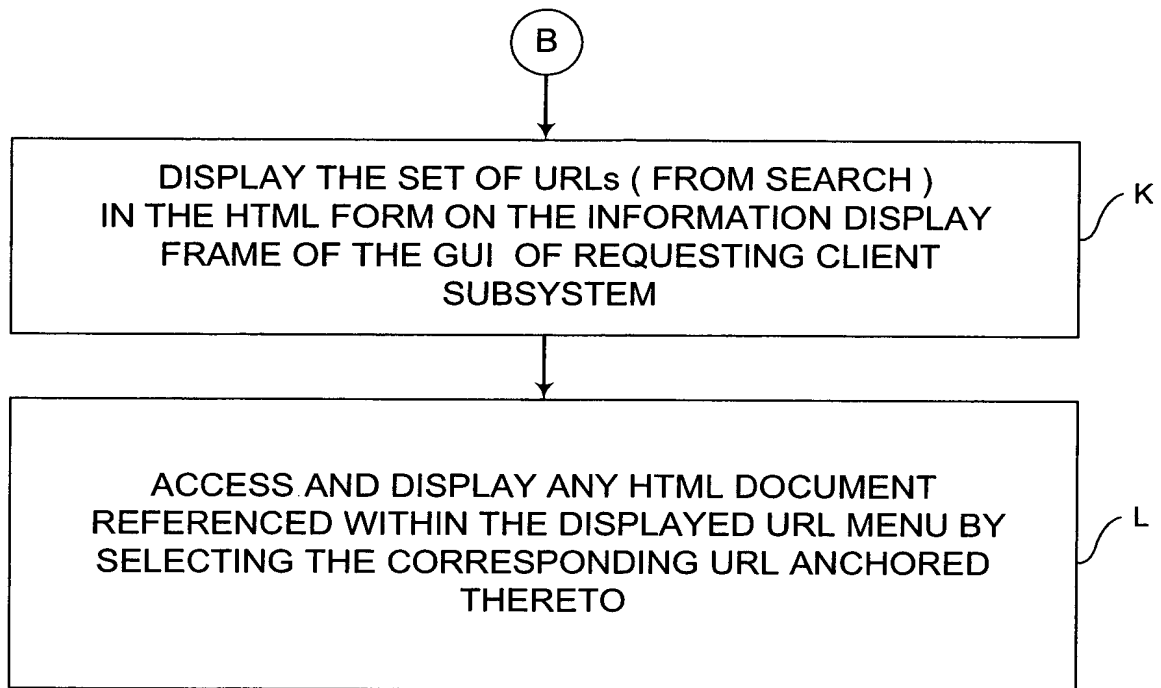


FIG. 6E3

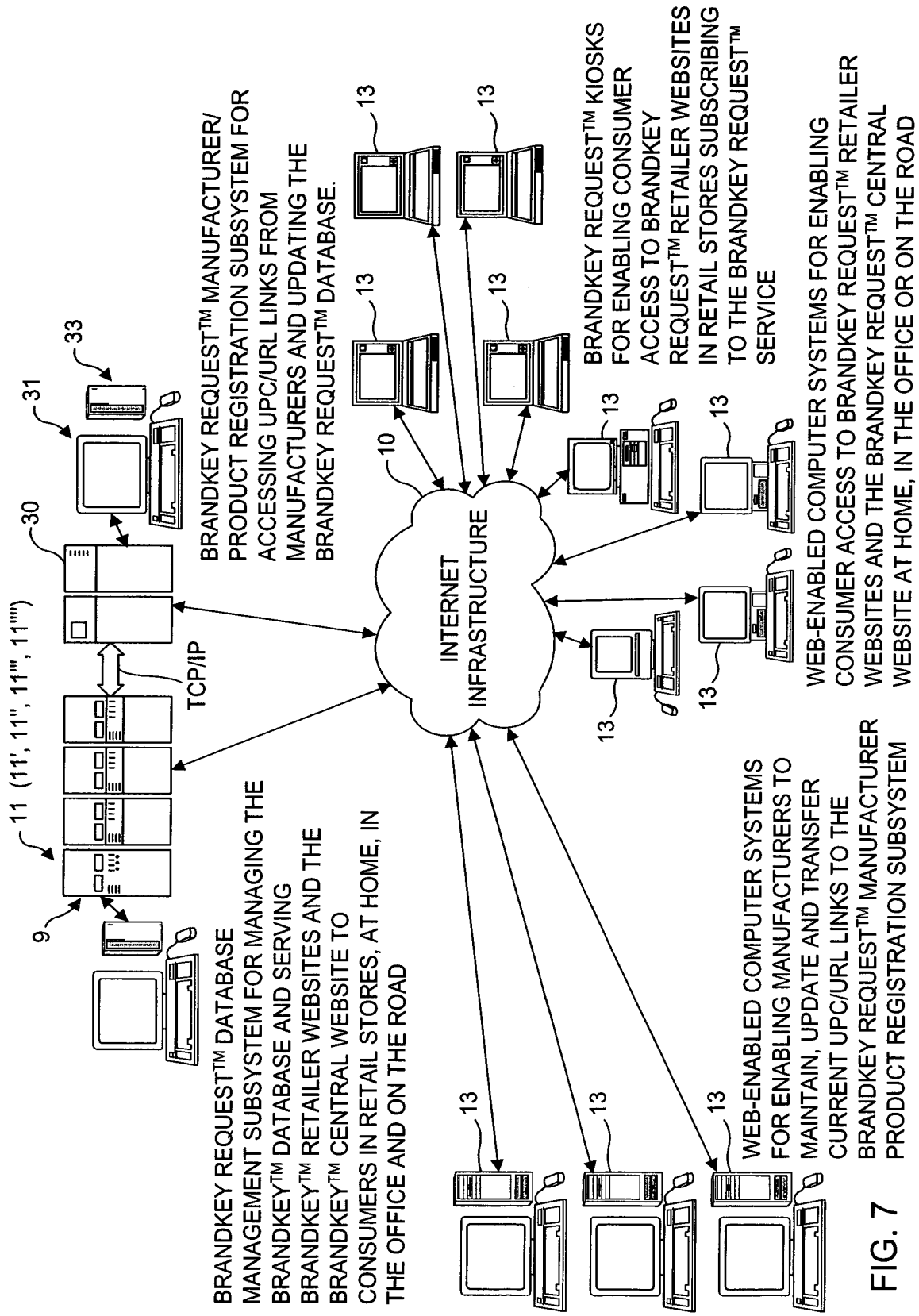


FIG. 7

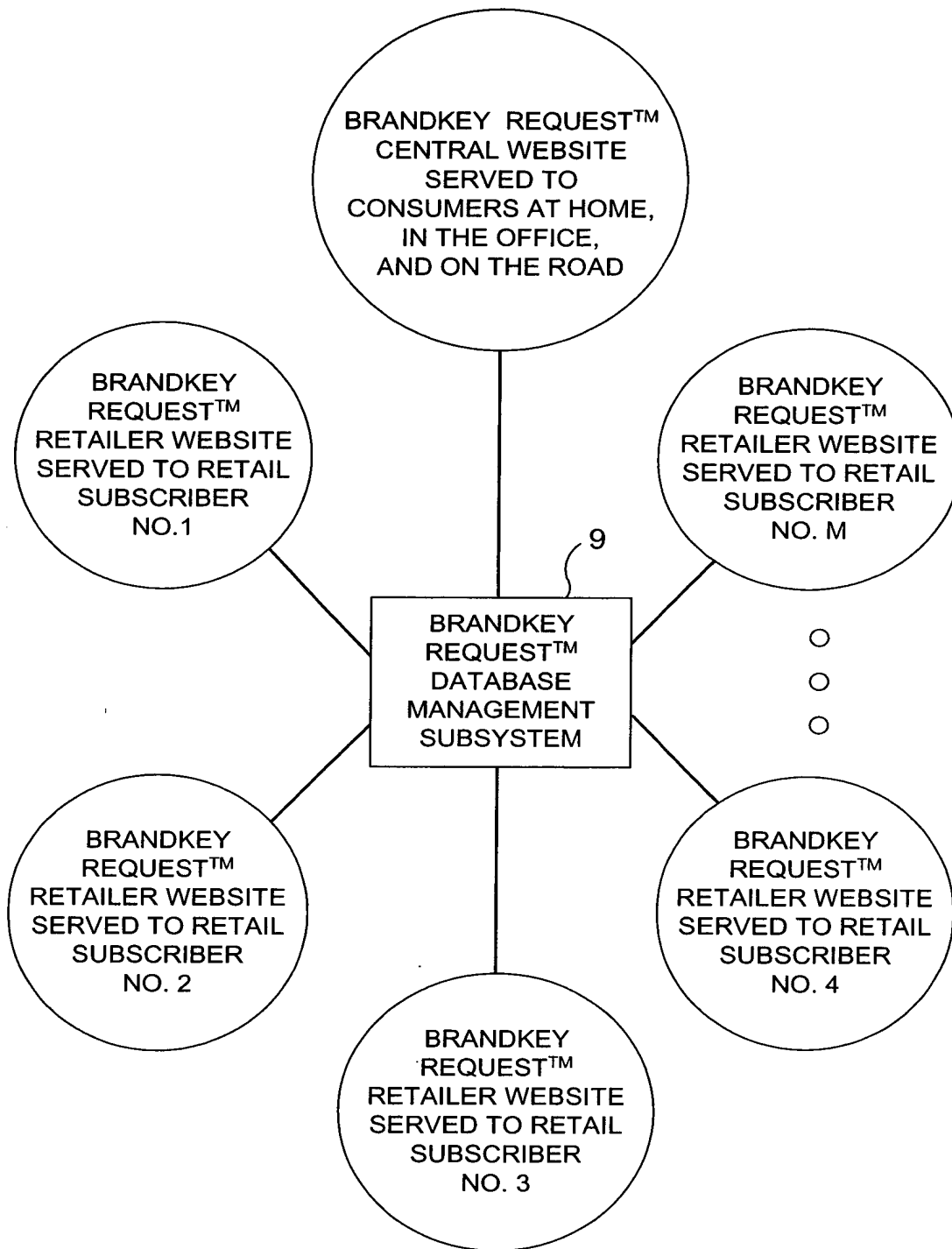
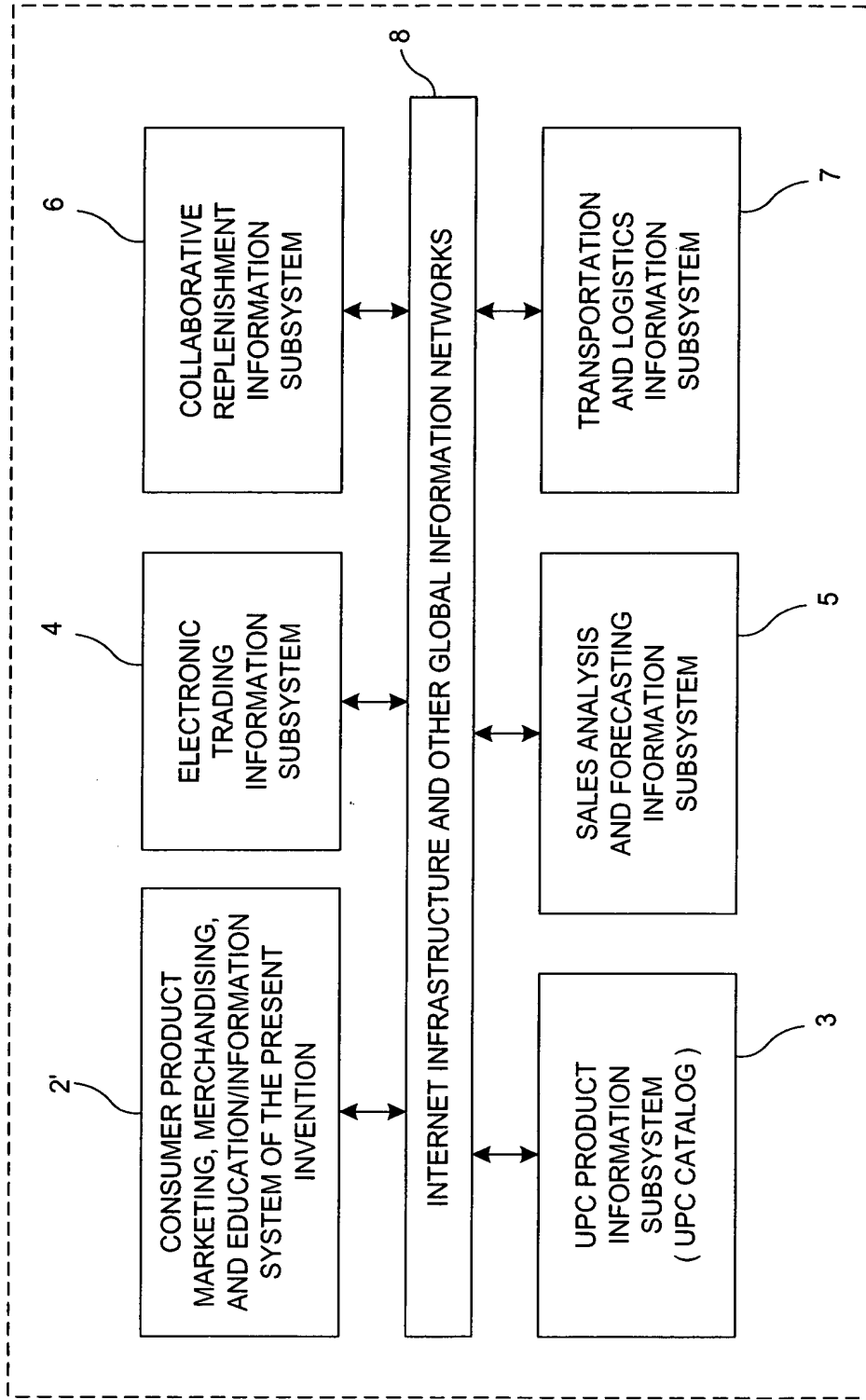


FIG. 8



1' SECOND ILLUSTRATIVE EMBODIMENT

FIG. 9

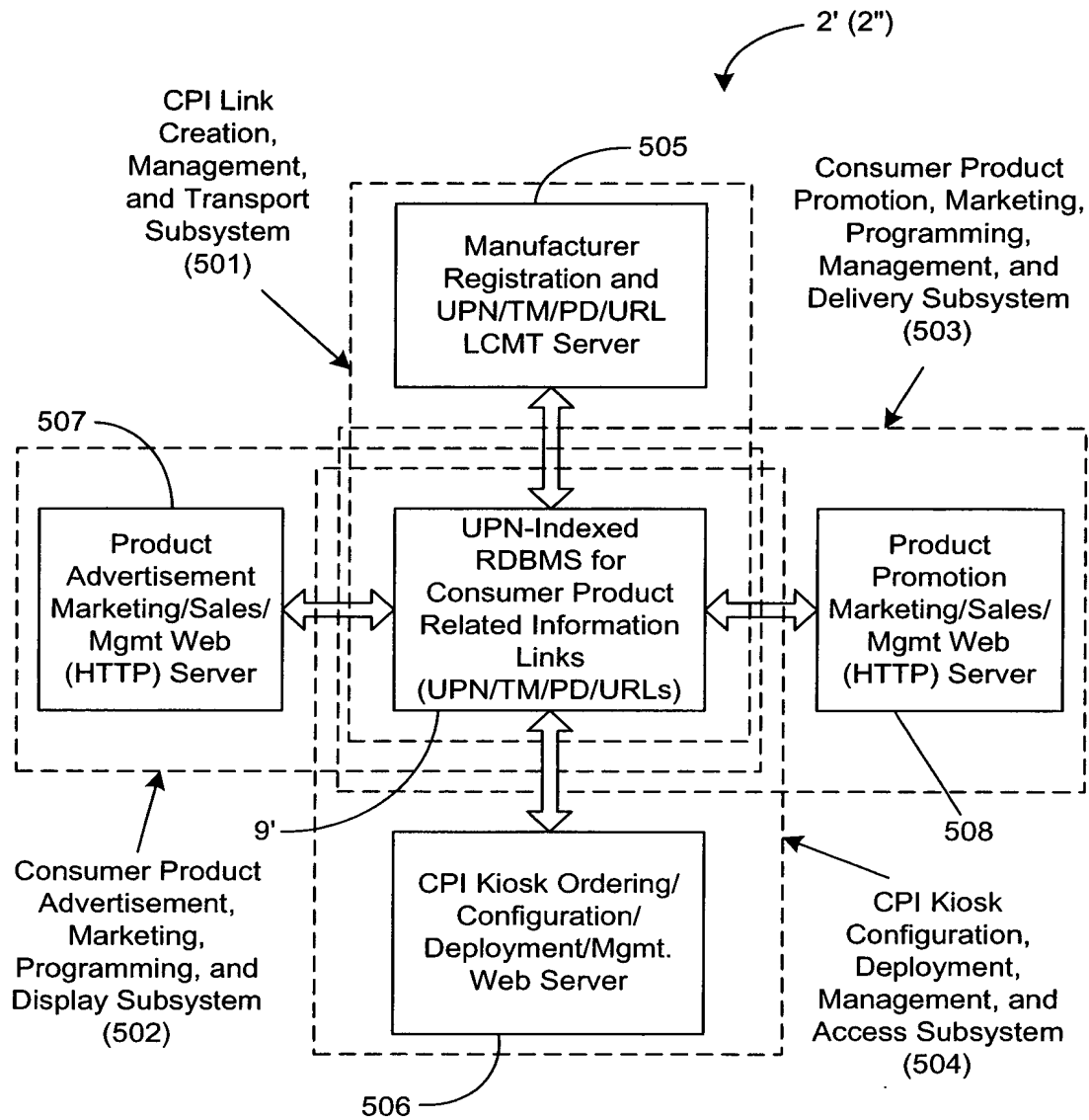


FIG. 9A

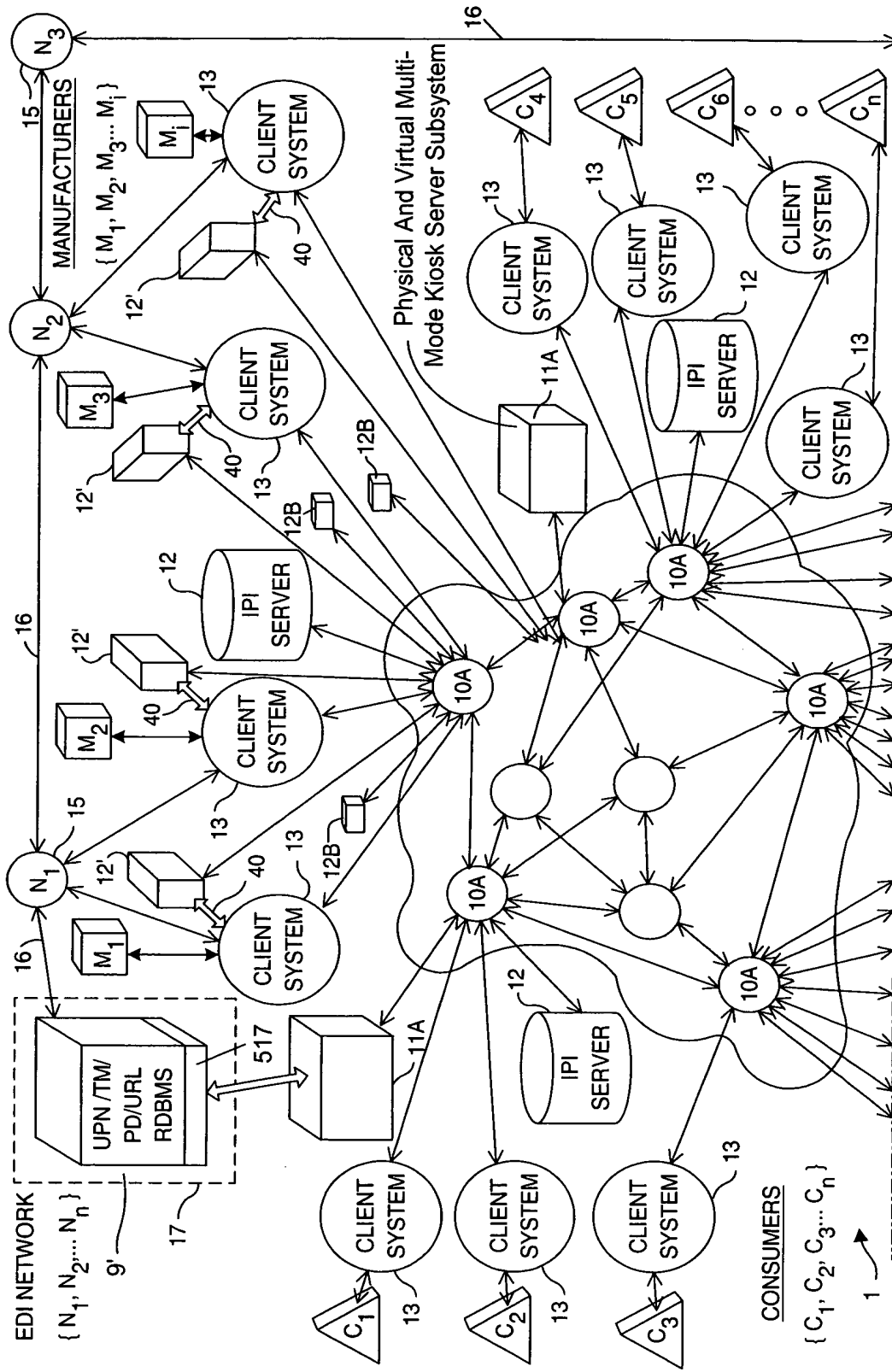


FIG. 10A1

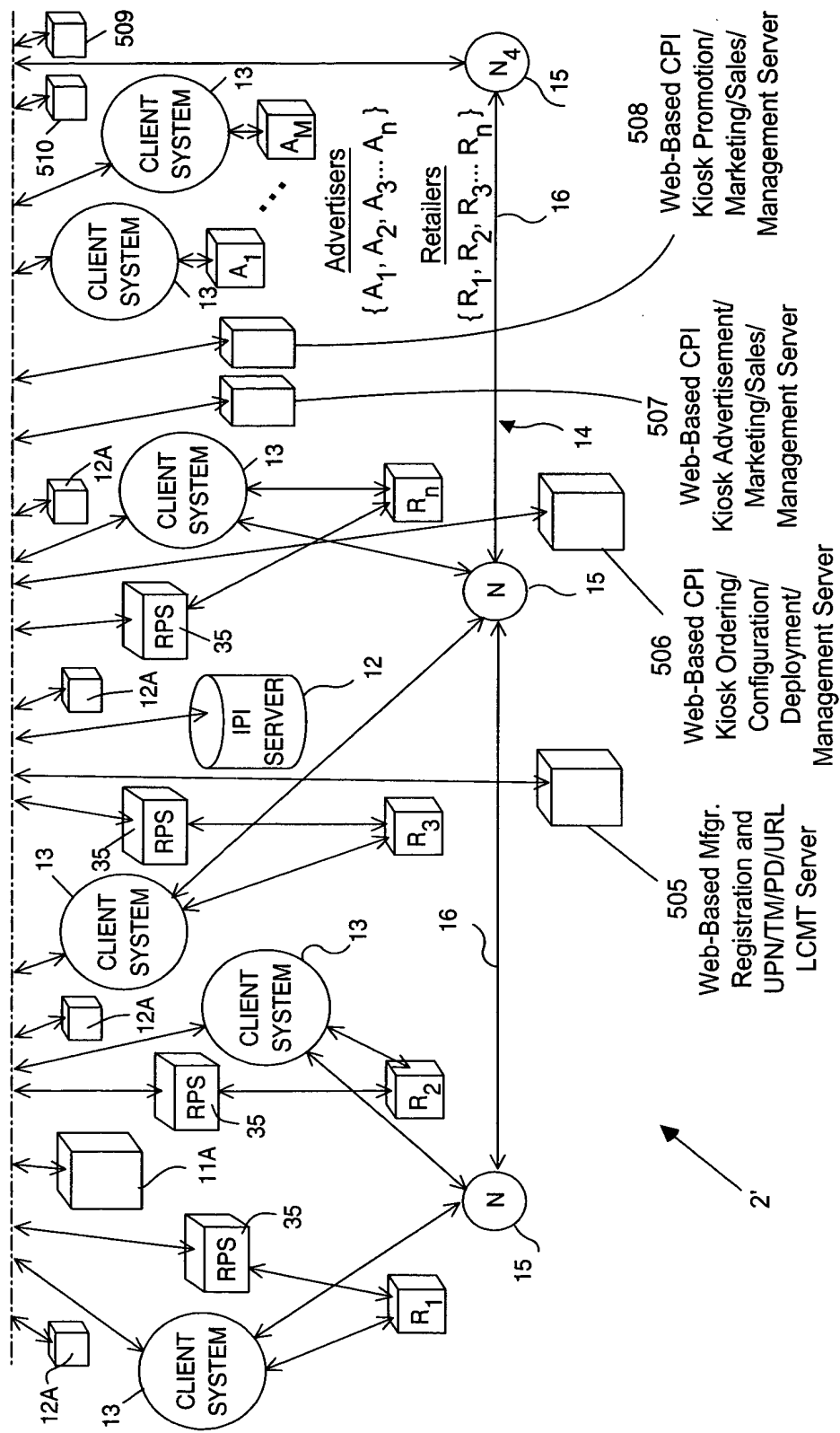
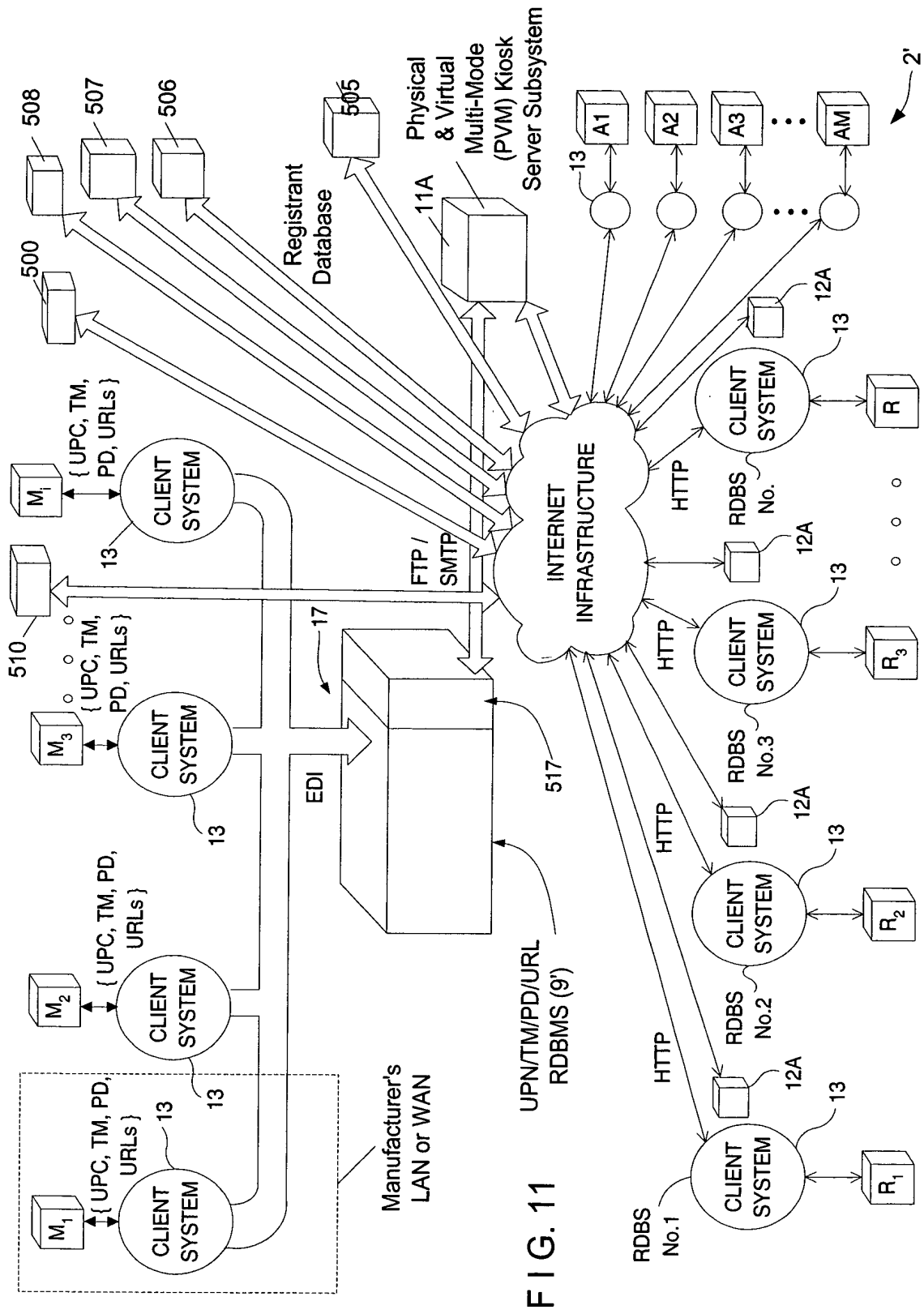


FIG. 10A2



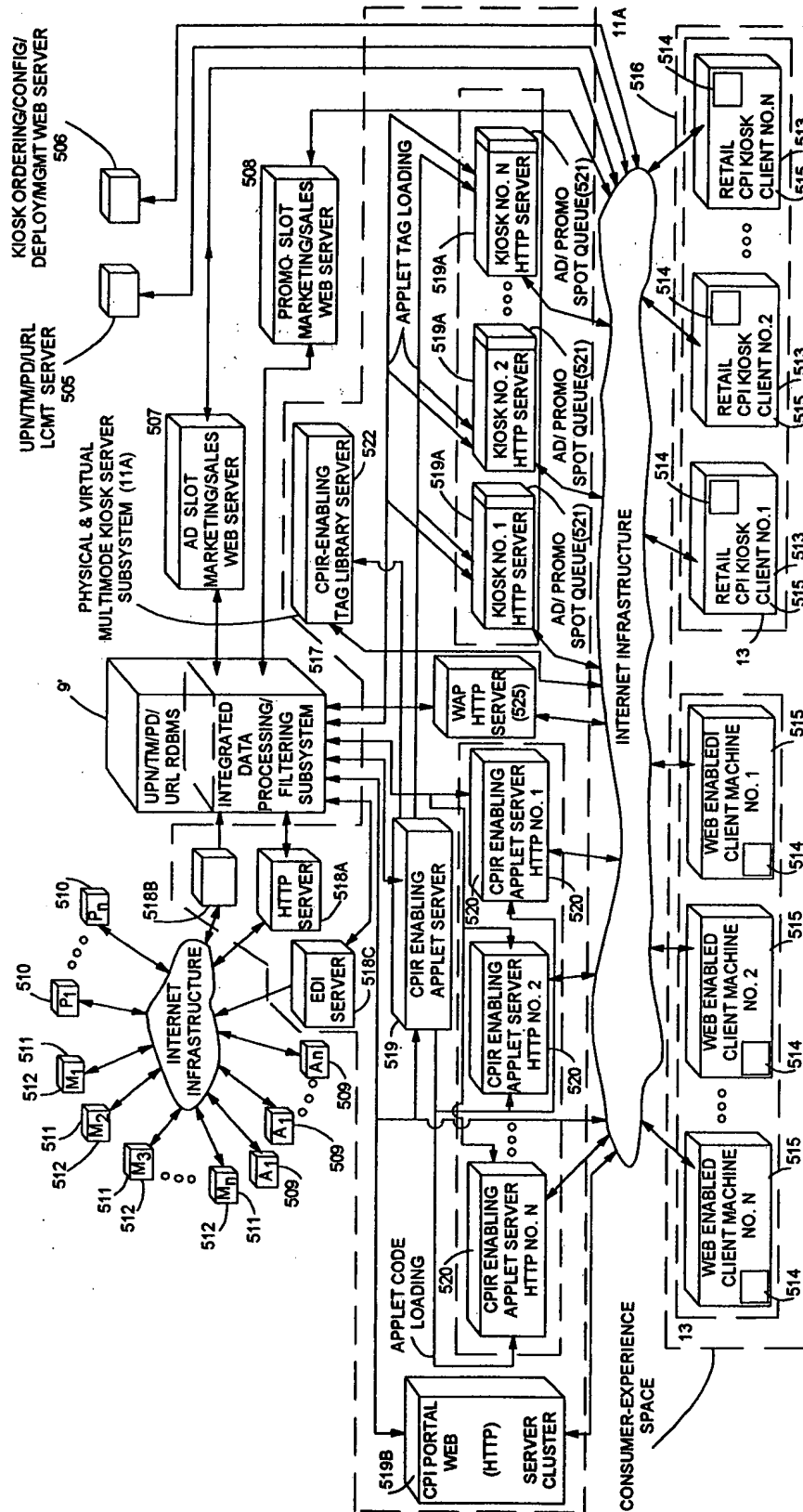


FIG. 13

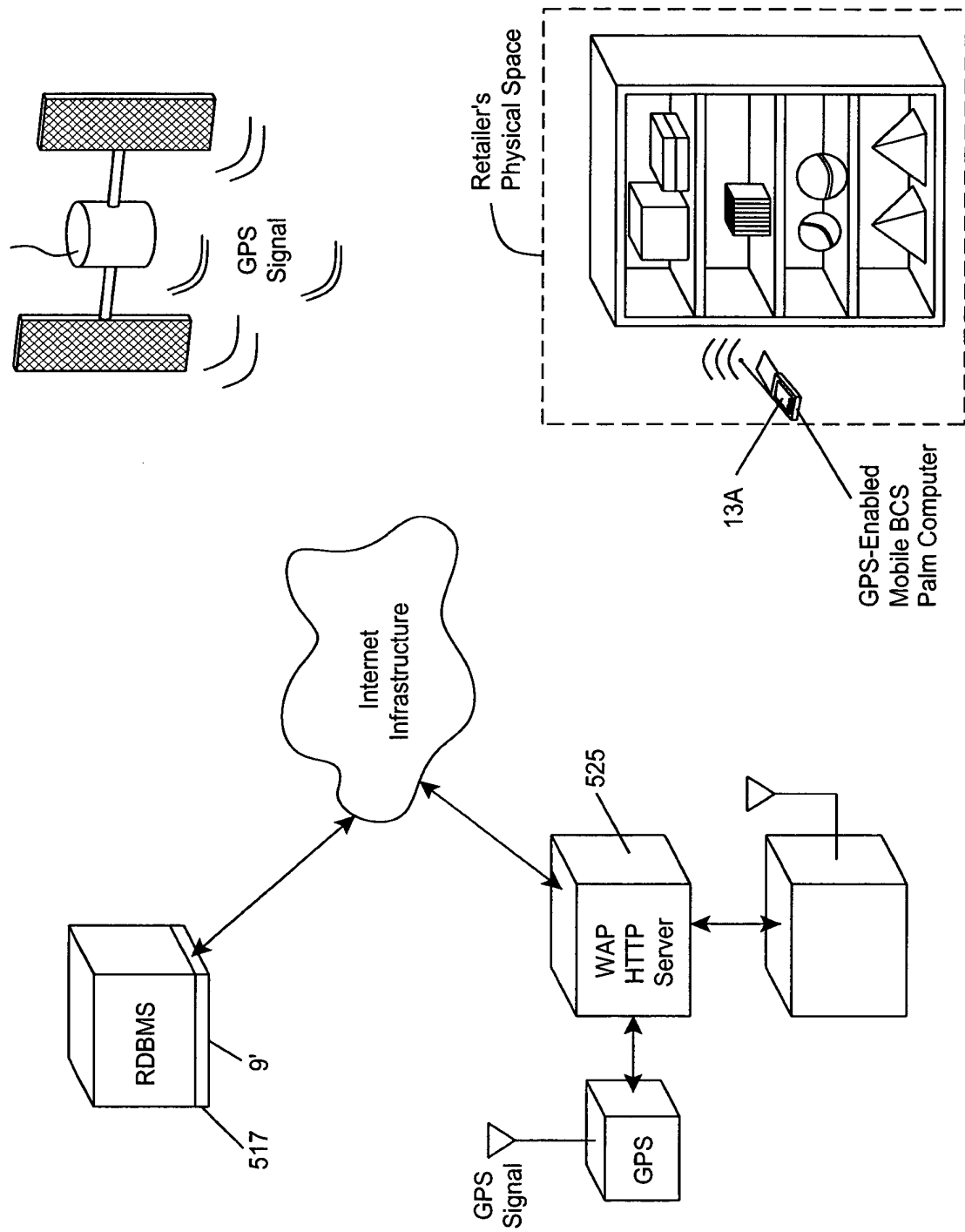


FIG. 14

Company Name	Alpha 20	Enterable; Modifiable
Street Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Country	Alpha 20	Enterable; Modifiable
MIN Assigned by UCC/EAN	Alpha 20	Enterable; Modifiable
URL of Mfgr. WWW Site	Alpha 20	Enterable; Modifiable
Phone Number	Alpha 20	Enterable; Modifiable
E-Mail Address	Alpha 20	Enterable; Modifiable
Fax Number	Alpha 20	Enterable; Modifiable
Standard Industry Codes (SIC)	Alpha 20	Enterable; Modifiable
Marketing Executive Identity	Alpha 20	Enterable; Modifiable
Marketing Executive Phone No.	Alpha 20	Enterable; Modifiable
Marketing Executive E-Mail	Alpha 20	Enterable; Modifiable
UPN/URL Management SW Installed	Alpha 20	Enterable; Modifiable
UPC Management SW for EDI B2B	Alpha 20	Enterable; Modifiable
UPC Service Bureau Employed	Alpha 20	Enterable; Modifiable
UPC Service Bureau Contact	Alpha 20	Enterable; Modifiable
UPC Service Bureau Phone Number	Alpha 20	Enterable; Modifiable
UPC Service Bureau E-Mail	Alpha 20	Enterable; Modifiable
EDI Vender Employed	Alpha 20	Enterable; Modifiable
EDI Vender Contact Person	Alpha 20	Enterable; Modifiable
EDI Vender Phone Number	Alpha 20	Enterable; Modifiable
EDI Vender E-Mail Address	Alpha 20	Enterable; Modifiable
EDI Service Bureau Employed	Alpha 20	Enterable; Modifiable
EDI Service Bureau Contact	Alpha 20	Enterable; Modifiable
EDI Service Bureau Phone Number	Alpha 20	Enterable; Modifiable
EDI Service Bureau E-Mail	Alpha 20	Enterable; Modifiable
Number of UPC/URL SW Licenses	Alpha 20	Enterable; Modifiable
UPN/URL Mngt. SW License Total	Alpha 20	Enterable; Modifiable
Total Number of UPC Numbers	Alpha 20	Enterable; Modifiable
Date of UPC Number Accounting	Alpha 20	Enterable; Modifiable
Annual UPC/URL Mngt. SW Fee Due	Alpha 20	Enterable; Modifiable
Date of UPC/URL SW Fee Payment	Alpha 20	Enterable; Modifiable
UPC/URL SW Fee Agent	Alpha 20	Enterable; Modifiable
UPC/URL SW Fee Agent Phone	Alpha 20	Enterable; Modifiable
UPC/URL SW Fee Agent E-Mail	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15A

Structure: UPN/URL Management SW License		
MIN Assigned by UCC/EAN	Alpha 20	Enterable; Modifiable
Version of UPN/URL Mgmt. SW	Alpha 20	Enterable; Modifiable
Number of Licenses Granted	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW License Keys	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW Acct. Number	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW Acct. Rep	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW Download Date	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15B

MIN Assigned by UCC/EAN	Alpha 20	Enterable; Modifiable
Assigned UPN (UPC or UPC/EAN)	Alpha 20	Enterable; Modifiable
UPN Symbology Type	Alpha 20	Enterable; Modifiable
Primary Trademark/Brand	Alpha 20	Enterable; Modifiable
Secondary Trademark/Brand	Alpha 20	Enterable; Modifiable
Product Description	Alpha 20	Enterable; Modifiable
Cash Register Short Description	Alpha 20	Enterable; Modifiable
Cash Register Description	Alpha 20	Enterable; Modifiable
Model Number	Alpha 20	Enterable; Modifiable
Package Type	Alpha 20	Enterable; Modifiable
Labeling Language	Alpha 20	Enterable; Modifiable
URL Marking on Package	Alpha 20	Enterable; Modifiable
Service Phone Number on Package	Alpha 20	Enterable; Modifiable
Brand Manager Identity	Alpha 20	Enterable; Modifiable
Brand Manager Phone Number	Alpha 20	Enterable; Modifiable
Brand Manager E-Mail Address	Alpha 20	Enterable; Modifiable
Product Manager Identity	Alpha 20	Enterable; Modifiable
Product Manager Phone Number	Alpha 20	Enterable; Modifiable
Product Manager E-Mail Address	Alpha 20	Enterable; Modifiable
Trademark Notice on Package	Alpha 20	Enterable; Modifiable
Copyright Notice on Package	Alpha 20	Enterable; Modifiable
Patent Notice on Package	Alpha 20	Enterable; Modifiable
URL for Primary TM Image	Alpha 20	Enterable; Modifiable
URL for Secondary Image	Alpha 20	Enterable; Modifiable
Effective Change Date	Alpha 20	Enterable; Modifiable
System Last Updated	Alpha 20	Enterable; Modifiable
Release Date	Alpha 20	Enterable; Modifiable
Public Release Date	Alpha 20	Enterable; Modifiable
End Availability Date	Alpha 20	Enterable; Modifiable

FIG. 15C

Assigned UPN	Alpha 20	Enterable; Modifiable
URL for Product Description	Alpha 20	Enterable; Modifiable
URL for Product Instructions	Alpha 20	Enterable; Modifiable
URL for Product Oper. Manual	Alpha 20	Enterable; Modifiable
URL for Orig. Warranty Service	Alpha 20	Enterable; Modifiable
URL for Extended Warranty Service	Alpha 20	Enterable; Modifiable
URL for 1st Ad on WWW	Alpha 20	Enterable; Modifiable
URL for 2nd Ad on WWW	Alpha 20	Enterable; Modifiable
URL for 3rd Ad on WWW	Alpha 20	Enterable; Modifiable
URL for 4th Ad on WWW	Alpha 20	Enterable; Modifiable
URL for 5th Ad on WWW	Alpha 20	Enterable; Modifiable
URL for 1st Product Review	Alpha 20	Enterable; Modifiable
URL for 2nd Product Review	Alpha 20	Enterable; Modifiable
URL for 3rd Product Review	Alpha 20	Enterable; Modifiable
URL for 4th Product Review	Alpha 20	Enterable; Modifiable
URL for 5th Product Review	Alpha 20	Enterable; Modifiable
URL for 1st Product Endorsement	Alpha 20	Enterable; Modifiable
URL for 2nd Product Endorsement	Alpha 20	Enterable; Modifiable
URL for 3rd Product Endorsement	Alpha 20	Enterable; Modifiable
URL for 4th Product Endorsement	Alpha 20	Enterable; Modifiable
URL for 5th Product Endorsement	Alpha 20	Enterable; Modifiable
URL for Mfgr. Service Request	Alpha 20	Enterable; Modifiable
URL for Product Returns to Mfgr.	Alpha 20	Enterable; Modifiable
URL for Product News	Alpha 20	Enterable; Modifiable
URL for Company News	Alpha 20	Enterable; Modifiable
URL for FAQs about Product	Alpha 20	Enterable; Modifiable
URL for Customer Service Line 1	Alpha 20	Enterable; Modifiable
URL for Customer Service Line 2	Alpha 20	Enterable; Modifiable
URL for Mfgr. Promotion # 1	Alpha 20	Enterable; Modifiable
URL for Mfgr. Promotion # 2	Alpha 20	Enterable; Modifiable
URL for Mfgr. Promotion # 3	Alpha 20	Enterable; Modifiable
URL for Retailer Promotion # 1	Alpha 20	Enterable; Modifiable
URL for Retailer Promotion # 2	Alpha 20	Enterable; Modifiable
URL for Retailer Promotion # 3	Alpha 20	Enterable; Modifiable
URL for Retailer Promotion # 4	Alpha 20	Enterable; Modifiable
URL for Retailer Promotion # 5	Alpha 20	Enterable; Modifiable
URL for Retailer Promotion # 6	Alpha 20	Enterable; Modifiable
URL for Retailer Promotion # 7	Alpha 20	Enterable; Modifiable
URL for Retailer Promotion # 8	Alpha 20	Enterable; Modifiable
URL for Retailer Promotion # 9	Alpha 20	Enterable; Modifiable
URL for Retailer Promotion # 10	Alpha 20	Enterable; Modifiable

FIG. 15D1

URL for Direct Mfgr. Purchase	Alpha 20	Enterable; Modifiable
URL for Dealer Location in USA	Alpha 20	Enterable; Modifiable
URL for Product Wholesaler # 1	Alpha 20	Enterable; Modifiable
URL for Product Wholesaler # 2	Alpha 20	Enterable; Modifiable
URL for Product Wholesaler # 3	Alpha 20	Enterable; Modifiable
URL for Product Wholesaler # 4	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 1	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 2	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 3	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 4	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 5	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 6	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 7	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 8	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 9	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 10	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 11	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 12	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 13	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 14	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 15	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 16	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 17	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 18	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 19	Alpha 20	Enterable; Modifiable
URL for Product Retailer # 20	Alpha 20	Enterable; Modifiable
URL for Complimentary Product 1	Alpha 20	Enterable; Modifiable
URL for Complimentary Product 2	Alpha 20	Enterable; Modifiable
URL for Complimentary Product 3	Alpha 20	Enterable; Modifiable
URL for Complimentary Product 4	Alpha 20	Enterable; Modifiable
URL for Complimentary Product 5	Alpha 20	Enterable; Modifiable
URL for Special Product Notices	Alpha 20	Enterable; Modifiable
URL for Product Uses	Alpha 20	Enterable; Modifiable
URL for Product Recreations	Alpha 20	Enterable; Modifiable
URL for Mfgr. Affiliate # 1	Alpha 20	Enterable; Modifiable
URL for Mfgr. Affiliate # 2	Alpha 20	Enterable; Modifiable
URL for Mfgr. Affiliate # 3	Alpha 20	Enterable; Modifiable
URL for Mfgr. Affiliate # 4	Alpha 20	Enterable; Modifiable
URL for Mfgr. Affiliate # 5	Alpha 20	Enterable; Modifiable
URL for Product Updates	Alpha 20	Enterable; Modifiable
URL for Software Downloads	Alpha 20	Enterable; Modifiable
URL for Mfgr.-Sponsored Auctions	Alpha 20	Enterable; Modifiable
URL for Rtlr.-Sponsored Auctions	Alpha 20	Enterable; Modifiable
URL for Mfgr. Suggested Rtl. Price	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15D2

Structure: Retailer		
Company Name	Alpha 20	Enterable; Modifiable
Street Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Country	Alpha 20	Enterable; Modifiable
Retailer ID No.	Alpha 20	Enterable; Modifiable
Contact Person	Alpha 20	Enterable; Modifiable
Phone Number	Alpha 20	Enterable; Modifiable
E-Mail Address	Alpha 20	Enterable; Modifiable
Fax Number	Alpha 20	Enterable; Modifiable
URL of Retailer WWW Site	Alpha 20	Enterable; Modifiable
Purchasing Director Identity	Alpha 20	Enterable; Modifiable
Purchasing Director Phone	Alpha 20	Enterable; Modifiable
Purchasing Director E-Mail	Alpha 20	Enterable; Modifiable
UPC Catalog Provider	Alpha 20	Enterable; Modifiable
UPC Catalog Provider Contact	Alpha 20	Enterable; Modifiable
UPC Catalog Provider Phone	Alpha 20	Enterable; Modifiable
UPC Catalog Provider E-Mail	Alpha 20	Enterable; Modifiable
EDI B2B Enabler	Alpha 20	Enterable; Modifiable
EDI B2B Enabler Contact	Alpha 20	Enterable; Modifiable
EDI B2B Enabler Phone	Alpha 20	Enterable; Modifiable
EDI B2B Enabler E-Mail	Alpha 20	Enterable; Modifiable
EDI Vender	Alpha 20	Enterable; Modifiable
EDI Vender Contact Identity	Alpha 20	Enterable; Modifiable
EDI Vender Phone	Alpha 20	Enterable; Modifiable
EDI Vender E-mail	Alpha 20	Enterable; Modifiable
Marketing Manager	Alpha 20	Enterable; Modifiable
Total Number of Retail Stores	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15E

Structure: Retailer/Mfgr. P-Store Relation		
Retail P-Store ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 1 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 2 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 3 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 4 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 5 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 6 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 7 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 8 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 9 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 10 ID No.	Alpha 20	Enterable; Modifiable
Total # Mfgr. Relationships	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15F

Structure: Mfgr./Retailer Relationships		
MIN Assigned By UCC/EAN	Alpha 20	Enterable; Modifiable
Retailer # 1 ID No.	Alpha 20	Enterable; Modifiable
Retailer # 2 ID No.	Alpha 20	Enterable; Modifiable
Retailer # 3 ID No.	Alpha 20	Enterable; Modifiable
Retailer # 4 ID No.	Alpha 20	Enterable; Modifiable
Retailer # 5 ID No.	Alpha 20	Enterable; Modifiable
Retailer # 6 ID No.	Alpha 20	Enterable; Modifiable
Retailer # 7 ID No.	Alpha 20	Enterable; Modifiable
Retailer # 8 ID No.	Alpha 20	Enterable; Modifiable
Retailer # 9 ID No.	Alpha 20	Enterable; Modifiable
Retailer # 10 ID No.	Alpha 20	Enterable; Modifiable
Total # Retailer Relationships	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15G

Structure: Consumer		
Consumer Name	Alpha 20	Enterable; Modifiable
Consumer ID No.	Alpha 20	Enterable; Modifiable
E-Mail Address	Alpha 20	Enterable; Modifiable
Street Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Phone Number	Alpha 20	Enterable; Modifiable
Shopped at Retail Store ID Nos.	Alpha 20	Enterable; Modifiable
Shopped at Retailer Store ID No.	Alpha 20	Enterable; Modifiable
Consumer Index 1	Alpha 20	Enterable; Modifiable
Consumer Index 2	Alpha 20	Enterable; Modifiable
Consumer Index 3	Alpha 20	Enterable; Modifiable
Consumer Index 4	Alpha 20	Enterable; Modifiable
Consumer Index 5	Alpha 20	Enterable; Modifiable
Consumer Index 6	Alpha 20	Enterable; Modifiable
Consumer Index 7	Alpha 20	Enterable; Modifiable
Consumer Index 8	Alpha 20	Enterable; Modifiable
Consumer Index 9	Alpha 20	Enterable; Modifiable
Credit Card Nos.	Alpha 20	Enterable; Modifiable

FIG. 15H

Structure: Advertiser		
Advertiser Name	Alpha 20	Enterable; Modifiable
Street Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Contact Person	Alpha 20	Enterable; Modifiable
Phone Number	Alpha 20	Enterable; Modifiable
E-Mail Address	Alpha 20	Enterable; Modifiable
Fax Number	Alpha 20	Enterable; Modifiable
Advertiser ID No.	Alpha 20	Enterable; Modifiable
Ad Agent for Mfgr. # 1	Alpha 20	Enterable; Modifiable
Ad Agent for Mfgr. # 2	Alpha 20	Enterable; Modifiable
Ad Agent for Mfgr. # 3	Alpha 20	Enterable; Modifiable
Ad Agent for Mfgr. # 4	Alpha 20	Enterable; Modifiable
Ad Agent for Mfgr. # 5	Alpha 20	Enterable; Modifiable
Ad Agent for Mfgr. # 6	Alpha 20	Enterable; Modifiable
Ad Agent for Mfgr. # 7	Alpha 20	Enterable; Modifiable
Ad Agent for Mfgr. # 8	Alpha 20	Enterable; Modifiable
Ad Agent for Mfgr. # 9	Alpha 20	Enterable; Modifiable
Total # Mfgr. Agency Relations	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer # 1	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer # 2	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer # 3	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer # 4	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer # 5	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer # 6	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer # 7	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer # 8	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer # 9	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer # 10	Alpha 20	Enterable; Modifiable
Total # Rtlr. Agency Relations	Alpha 20	Enterable; Modifiable
URL for Advertiser WWW Site	Alpha 20	Enterable; Modifiable
Advertiser Network Acct. No.	Alpha 20	Enterable; Modifiable
Advertiser Network Password	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15I

Structure: Promoter		
Promoter Name	Alpha 20	Enterable; Modifiable
Street Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Contact Person	Alpha 20	Enterable; Modifiable
Phone Number	Alpha 20	Enterable; Modifiable
E-Mail Address	Alpha 20	Enterable; Modifiable
Fax Number	Alpha 20	Enterable; Modifiable
Promoter ID No.	Alpha 20	Enterable; Modifiable
Promo Agent for Mfgr. # 1	Alpha 20	Enterable; Modifiable
Promo Agent for Mfgr. # 2	Alpha 20	Enterable; Modifiable
Promo Agent for Mfgr. # 3	Alpha 20	Enterable; Modifiable
Promo Agent for Mfgr. # 4	Alpha 20	Enterable; Modifiable
Promo Agent for Mfgr. # 5	Alpha 20	Enterable; Modifiable
Promo Agent for Mfgr. # 6	Alpha 20	Enterable; Modifiable
Promo Agent for Mfgr. # 7	Alpha 20	Enterable; Modifiable
Promo Agent for Mfgr. # 8	Alpha 20	Enterable; Modifiable
Promo Agent for Mfgr. # 9	Alpha 20	Enterable; Modifiable
Total # Mfgr. Agency Relations	Alpha 20	Enterable; Modifiable
Promo Agent for Rtlr. # 1	Alpha 20	Enterable; Modifiable
Promo Agent for Rtlr. # 2	Alpha 20	Enterable; Modifiable
Promo Agent for Rtlr. # 3	Alpha 20	Enterable; Modifiable
Promo Agent for Rtlr. # 4	Alpha 20	Enterable; Modifiable
Promo Agent for Rtlr. # 5	Alpha 20	Enterable; Modifiable
Promo Agent for Rtlr. # 6	Alpha 20	Enterable; Modifiable
Promo Agent for Rtlr. # 7	Alpha 20	Enterable; Modifiable
Promo Agent for Rtlr. # 8	Alpha 20	Enterable; Modifiable
Promo Agent for Rtlr. # 9	Alpha 20	Enterable; Modifiable
Promo Agent for Rtlr. # 10	Alpha 20	Enterable; Modifiable
Total # Rtlr. Agency Relations	Alpha 20	Enterable; Modifiable
URL for Promoter WWW Site	Alpha 20	Enterable; Modifiable
Promoter Network Acct. No.	Alpha 20	Enterable; Modifiable
Promoter Network Password	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15J

Structure: Physical Kiosk		
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Retail P-Store ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk HTTP Server URL	Alpha 20	Enterable; Modifiable
Assigned Static IP Address	Alpha 20	Enterable; Modifiable
P-Kiosk Aisle/Shelf Location	Alpha 20	Enterable; Modifiable
Physical Kiosk Access Password	Alpha 20	Enterable; Modifiable
CPI Request Service Status	Alpha 20	Enterable; Modifiable
Ad Display Service Status	Alpha 20	Enterable; Modifiable
Promotion Service Status	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 1	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 2	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 3	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 4	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 5	Alpha 20	Enterable; Modifiable
Status of Retailer's MIN Filter	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Mon.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Tues.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Wed.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Thurs.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Fri.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Sat.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Sun.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Mon.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Tues.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Wed.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Thur.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Fri.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Sat.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Sun.	Alpha 20	Enterable; Modifiable
CPIR Request Service GUI Type	Alpha 20	Enterable; Modifiable
Ad Display Service GUI Type	Alpha 20	Enterable; Modifiable
Promo Service GUI Type	Alpha 20	Enterable; Modifiable
Date of Record Update		

FIG. 15K

Structure: Retailer Physical Store		
Retailer ID No.	Alpha 20	Enterable; Modifiable
Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Country	Alpha 20	Enterable; Modifiable
Retail P-Store ID No.	Alpha 20	Enterable; Modifiable
Store Manager Identity	Alpha 20	Enterable; Modifiable
Store Manager Phone	Alpha 20	Enterable; Modifiable
Store Manager E-Mail	Alpha 20	Enterable; Modifiable
Regional Manager Identity	Alpha 20	Enterable; Modifiable
Regional Manager Phone	Alpha 20	Enterable; Modifiable
Regional Manager E-Mail	Alpha 20	Enterable; Modifiable
Number of Store Aisles	Alpha 20	Enterable; Modifiable
Number of Floors	Alpha 20	Enterable; Modifiable
Floor Plan Diagrams	Alpha 20	Enterable; Modifiable
Product Catagory/Shelf Maps	Alpha 20	Enterable; Modifiable
Available Internet Connectivity	Alpha 20	Enterable; Modifiable
Retailer/Manufacturer Relations	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15L

Structure: Physical Kiosk HTTP Server		
Physical Kiosk HTTP Server URL	Alpha 20	Enterable; Modifiable
Physical Kiosk HTTP Server Log	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15M

Structure: Retailer's Physical Kiosk Cat.		
Retail P-Store ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 1	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 2	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 3	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 4	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 5	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 6	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 7	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 8	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 9	Alpha 20	Enterable; Modifiable
Total # of Physical Kiosks	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15N

Structure: Physical Kiosk E-Mail		
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk E-Mail Log	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15O

Structure: Physical Kiosk User Activity		
Date(s) of Activity Measurement	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Number of HTML Pages Accessed	Alpha 20	Enterable; Modifiable
Number of UPC Requests at Kiosk	Alpha 20	Enterable; Modifiable
Different HTML Pages Served-Up	Alpha 20	Enterable; Modifiable
Outgoing E-mail Transmissions	Alpha 20	Enterable; Modifiable
System Mode Transitions	Alpha 20	Enterable; Modifiable
E-Commerce Transactions Made	Alpha 20	Enterable; Modifiable
Number of UPC Requests at Kiosk	Alpha 20	Enterable; Modifiable
Date Of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15P

Structure: Ad Spot Order-Virtual Kiosk		
UPN of Advertised Product	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Scheduled Date of Ad Spot	Alpha 20	Enterable; Modifiable
Advertiser Placing Order	Alpha 20	Enterable; Modifiable
Date of Ad Spot Order	Alpha 20	Enterable; Modifiable
Advertiser ID No.	Alpha 20	Enterable; Modifiable
Cost of Ad Spot	Alpha 20	Enterable; Modifiable
URL of Advertisement Spot	Alpha 20	Enterable; Modifiable
Time Duration of Ad Spot	Alpha 20	Enterable; Modifiable
Copyright Owner of Advertisement	Alpha 20	Enterable; Modifiable
Ordered Number of Displays/Date	Alpha 20	Enterable; Modifiable
File Format of Advertisement	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No.	Alpha 20	Enterable; Modifiable
Actual Number of Displays/Date	Alpha 20	Enterable; Modifiable
Actual Number of Interruptions	Alpha 20	Enterable; Modifiable
Ad Spot Cost	Alpha 20	Enterable; Modifiable
Date of Ad Payment	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15Q

Structure: Ad Spot Order-Physical Kiosk		
UPN of Advertised Product	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Scheduled Date of Ad Spot	Alpha 20	Enterable; Modifiable
Advertiser Placing Order	Alpha 20	Enterable; Modifiable
Date of Ad Campaign	Alpha 20	Enterable; Modifiable
Advertiser ID No.	Alpha 20	Enterable; Modifiable
Cost Ad Spot	Alpha 20	Enterable; Modifiable
URL Of Advertisement Spot	Alpha 20	Enterable; Modifiable
Time Duration of Ad Spot	Alpha 20	Enterable; Modifiable
Copyright Owner Of Advertisement	Alpha 20	Enterable; Modifiable
Ordered Number of Displays/Date	Alpha 20	Enterable; Modifiable
File Format of Advertisement	Alpha 20	Enterable; Modifiable
Physical Kiosk Ad Spot ID No.	Alpha 20	Enterable; Modifiable
Actual Number of Displays/Date	Alpha 20	Enterable; Modifiable
Actual Number of Interruptions	Alpha 20	Enterable; Modifiable
Ad Spot Payment	Alpha 20	Enterable; Modifiable
Date of Ad Spot Payment	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15R

Structure: Promo Spot Order-Physical Kiosk		
UPN of Promoted Product	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Scheduled Date of Promo Spot	Alpha 20	Enterable; Modifiable
Promoter Placing Order	Alpha 20	Enterable; Modifiable
Date of Promo Campaign	Alpha 20	Enterable; Modifiable
Promoter ID No.	Alpha 20	Enterable; Modifiable
URL Of Promotional Ad in DF1	Alpha 20	Enterable; Modifiable
Promotional Message In DF2	Alpha 20	Enterable; Modifiable
Promotional Message In DF3	Alpha 20	Enterable; Modifiable
Promotional Message In DF4	Alpha 20	Enterable; Modifiable
Promotional Message In DF5	Alpha 20	Enterable; Modifiable
Time Duration of Promotion Spot	Alpha 20	Enterable; Modifiable
Copyright Owner Of Promo Ad	Alpha 20	Enterable; Modifiable
Ordered Number of Displays/Date	Alpha 20	Enterable; Modifiable
File Format of Promotional Ad	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Actual Number of Displays/Date	Alpha 20	Enterable; Modifiable
Actual Number of Interruptions	Alpha 20	Enterable; Modifiable
Cost of Promo Spot	Alpha 20	Enterable; Modifiable
Promo Spot Payment	Alpha 20	Enterable; Modifiable
Date of Promo Spot Payment	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15S

Structure: Physical Kiosk Ad Campaign		
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Date of Ad Campaign	Alpha 20	Enterable; Modifiable
Ad Spot ID No. 1	Alpha 20	Enterable; Modifiable
Ad Spot ID No. 2	Alpha 20	Enterable; Modifiable
Ad Spot ID No. 3	Alpha 20	Enterable; Modifiable
Ad Spot ID No. 4	Alpha 20	Enterable; Modifiable
Ad Spot ID No. 5	Alpha 20	Enterable; Modifiable
Ad Spot ID No. 6	Alpha 20	Enterable; Modifiable
Ad Spot ID No. 7	Alpha 20	Enterable; Modifiable
Ad Spot ID No. 8	Alpha 20	Enterable; Modifiable
Ad Spot ID No. 9	Alpha 20	Enterable; Modifiable
Ad Spot ID No. 10	Alpha 20	Enterable; Modifiable
Total Ad Spots Ordered On Kiosk	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15T

Structure: Physical Kiosk Promo Campaign		
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Date of Promo Campaign	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No. 1	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No. 2	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No. 3	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No. 4	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No. 5	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No. 6	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No. 7	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No. 8	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No. 9	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No. 10	Alpha 20	Enterable; Modifiable
Total Ad Spots Ordered	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15U

Structure: Virtual Kiosk		
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Retail P-Store or E-Store ID No.	Alpha 20	Enterable; Modifiable
Type of Virtual Kiosk	Alpha 20	Enterable; Modifiable
CPIR-Enabling Applet ID No.	Alpha 20	Enterable; Modifiable
Licensed Internet Domain	Alpha 20	Enterable; Modifiable
Virtual Kiosk Licensee (i.e. Retailer, Mfgr., et al)	Alpha 20	Enterable; Modifiable
Virtual Kiosk Enabling Password	Alpha 20	Enterable; Modifiable
E-Store Web-Page Location	Alpha 20	Enterable; Modifiable
CPI Request Service Status	Alpha 20	Enterable; Modifiable
Ad Display Service Status	Alpha 20	Enterable; Modifiable
Promotion Service Status	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 1	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 2	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 3	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 4	Alpha 20	Enterable; Modifiable
Status of Retailer MIN Filter	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Mon.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Tues.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Wed.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Thurs.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Fri.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Sat.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Sun.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Mon.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Tue.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Wed.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Thu.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Fri.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Sat.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Sun.	Alpha 20	Enterable; Modifiable
URL Accessing Virtual Kiosk	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15V

Structure: CPIR-Enabling Applet		
CPIR-Enabling Applet ID No.	Alpha 20	Enterable; Modifiable
Type of CPIR-Enabling Applet	Alpha 20	Enterable; Modifiable
URL of CPIR-Enabling Applet BC	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Server Log	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15W

Structure: Retailer E-Store		
Retailer ID No.	Alpha 20	Enterable; Modifiable
Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Country	Alpha 20	Enterable; Modifiable
Retail E-Store ID No.	Alpha 20	Enterable; Modifiable
E-Store Manager Identity	Alpha 20	Enterable; Modifiable
E-Store Manager Phone	Alpha 20	Enterable; Modifiable
E-Store Manager E-Mail	Alpha 20	Enterable; Modifiable
E-Store WWW Site Map	Alpha 20	Enterable; Modifiable
Retailer/Manufacturer Relations	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15X

Structure: Retailer's Virtual Kiosk Cat.		
Retail P-Store ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 1	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 2	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 3	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 4	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 5	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 6	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 7	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 8	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 9	Alpha 20	Enterable; Modifiable
Total # of Virtual Kiosks	Alpha 20	Enterable; Modifiable
Retailer ID No.	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15Y

Structure: Virtual Kiosk E-Mail		
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk E-Mail Log	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15Z

Structure: Virtual Kiosk User Activity		
Date(s) of Activity Measurement	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Number of HTML Pages Accessed	Alpha 20	Enterable; Modifiable
Number of UPC Requests at Kiosk	Alpha 20	Enterable; Modifiable
Number of Trademark Requests	Alpha 20	Enterable; Modifiable
Different HTML Pages Served-Up	Alpha 20	Enterable; Modifiable
Outgoing E-mail Transmissions	Alpha 20	Enterable; Modifiable
System Mode Transitions	Alpha 20	Enterable; Modifiable
E-Commerce Transactions Made	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15AA

Structure: Promo Spot Order- Virtual Kiosk		
UPN of Promoted Product	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Scheduled Date of Promo Spot	Alpha 20	Enterable; Modifiable
Promoter Placing Order	Alpha 20	Enterable; Modifiable
Dated Promo Spot Order	Alpha 20	Enterable; Modifiable
Promoter ID No.	Alpha 20	Enterable; Modifiable
URL of Promotional Ad In DF1	Alpha 20	Enterable; Modifiable
Promotional Message In DF2	Alpha 20	Enterable; Modifiable
Promotional Message In DF3	Alpha 20	Enterable; Modifiable
Promotional Message In DF4	Alpha 20	Enterable; Modifiable
Promotional Message In DF5	Alpha 20	Enterable; Modifiable
Time Duration of Promotion Spot	Alpha 20	Enterable; Modifiable
Copyright Owner of Promo Ad	Alpha 20	Enterable; Modifiable
Ordered Number of Displays/Date	Alpha 20	Enterable; Modifiable
File Format of Promotional Ad	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Actual Number of Displays/Date	Alpha 20	Enterable; Modifiable
Actual Number of Interruptions	Alpha 20	Enterable; Modifiable
Cost Of Promo Spot	Alpha 20	Enterable; Modifiable
Promo Cost Payment	Alpha 20	Enterable; Modifiable
Date of Promo Payment	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15BB

Structure: Virtual Kiosk Promo Campaign		
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Date of Promo Campaign	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No. 1	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No. 2	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No. 3	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No. 4	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No. 5	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No. 6	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No. 7	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No. 8	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No. 9	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No. 10	Alpha 20	Enterable; Modifiable
Total Promo Spot Ordered	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15CC

Structure: Virtual Kiosk Ad Campaign		
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Date of Ad Campaign	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 1	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 2	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 3	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 4	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 5	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 6	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 7	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 8	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 9	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 10	Alpha 20	Enterable; Modifiable
Total Ad Spots Ordered On Kiosk	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15DD

Structure: Ad Credit- Physical Kiosk		
Advertiser ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk Ad Spot ID No.	Alpha 20	Enterable; Modifiable
UPN of Advertised Product	Alpha 20	Enterable; Modifiable
URL of Interrupted Ad	Alpha 20	Enterable; Modifiable
Date of Interruption	Alpha 20	Enterable; Modifiable
Time of Interruption	Alpha 20	Enterable; Modifiable
UPN of Interrupting Product	Alpha 20	Enterable; Modifiable
Amount of Ad Credit	Alpha 20	Enterable; Modifiable
Date of Record Creation	Alpha 20	Enterable; Modifiable

FIG. 15EE

Structure: Ad Credit- Virtual Kiosk		
Advertiser ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No.	Alpha 20	Enterable; Modifiable
URL of Advertised Product	Alpha 20	Enterable; Modifiable
URL of Interrupted Ad	Alpha 20	Enterable; Modifiable
Date of Interruption	Alpha 20	Enterable; Modifiable
Time of Interruption	Alpha 20	Enterable; Modifiable
UPN of Interrupting Product	Alpha 20	Enterable; Modifiable
Amount of Ad Credit	Alpha 20	Enterable; Modifiable
Date of Record Creation	Alpha 20	Enterable; Modifiable

FIG. 15FF

Structure: Promo Credit- Physical Kiosk		
Advertiser ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
UPN of Advertised Product	Alpha 20	Enterable; Modifiable
URL of Interrupted Ad	Alpha 20	Enterable; Modifiable
Date of Interruption	Alpha 20	Enterable; Modifiable
Time of Interruption	Alpha 20	Enterable; Modifiable
UPN of Interrupting Product	Alpha 20	Enterable; Modifiable
Amount of Promo Credit	Alpha 20	Enterable; Modifiable
Date of Record Creation	Alpha 20	Enterable; Modifiable

FIG. 15GG

Structure: Promo Credit- Virtual Kiosk		
Advertiser Identification No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
UPN of Advertised Product	Alpha 20	Enterable; Modifiable
URL of Interrupted Ad	Alpha 20	Enterable; Modifiable
Date of Interruption	Alpha 20	Enterable; Modifiable
Time of Interruption	Alpha 20	Enterable; Modifiable
UPN of Interrupting Product	Alpha 20	Enterable; Modifiable
Amount of Promo Credit	Alpha 20	Enterable; Modifiable
Date of Record Creation	Alpha 20	Enterable; Modifiable

FIG. 15HH

Structure: Purchase at Physical Store		
Retailer ID No.	Alpha 20	Enterable; Modifiable
Retail P-Store ID No.	Alpha 20	Enterable; Modifiable
UPN of Product Sold	Alpha 20	Enterable; Modifiable
Date of Product Sale	Alpha 20	Enterable; Modifiable
Time of Product Sale	Alpha 20	Enterable; Modifiable
Price of Sold Product	Alpha 20	Enterable; Modifiable
Customer ID No.	Alpha 20	Enterable; Modifiable
Credit Card No.	Alpha 20	Enterable; Modifiable
Retailer's Discount	Alpha 20	Enterable; Modifiable
Mfgr's Promo Discount	Alpha 20	Enterable; Modifiable
URL of Promo Advertisement	Alpha 20	Enterable; Modifiable
Date of Record Creation	Alpha 20	Enterable; Modifiable

FIG. 15II

Structure: Purchase at E-Store		
Retailer ID No.	Alpha 20	Enterable; Modifiable
Retail E-Store ID No.	Alpha 20	Enterable; Modifiable
UPN of Product Sold	Alpha 20	Enterable; Modifiable
Date of Product Sale	Alpha 20	Enterable; Modifiable
Time of Product Sale	Alpha 20	Enterable; Modifiable
Price of Sold Product	Alpha 20	Enterable; Modifiable
Customer ID No.	Alpha 20	Enterable; Modifiable
Credit Card No.	Alpha 20	Enterable; Modifiable
Retailer's Promo Discount	Alpha 20	Enterable; Modifiable
Mfgr's Promo Discount	Alpha 20	Enterable; Modifiable
URL of Promo Advertisement	Alpha 20	Enterable; Modifiable
Date of Record Creation	Alpha 20	Enterable; Modifiable

FIG. 15JJ

Structure: Retailer/Mfgr. E-Store Relation		
Retailer E-Store ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 1 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 2 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 3 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 4 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 5 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 6 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 7 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 8 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 9 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer # 10 ID No.	Alpha 20	Enterable; Modifiable
Total # Mfgr. Relationships	Alpha	Enterable; Modifiable
Date of Record Update	20Alpha 20	Enterable; Modifiable

FIG. 15KK

Structure: Mfgr. Rights		
P-Kiosk Aisle/Shelf Location	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 1	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 2	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 3	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 4	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 5	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 6	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 7	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 8	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 9	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 10	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15LL

Structure: Mfgr. E-Store Web Page Rights		
E-Store Web Page Location	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 1	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 2	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 3	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 4	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 5	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 6	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 7	Alpha 20	Enterable; Modifiable
MIN of Mfgr. # 8	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

(Mfgr's Virtual Shelf Rights Aisle)

FIG. 15MM

Modes Of Information Service In The CPI Link Creation, Management, And
Transport Subsystem (501)

- Registration Of Manufacture/Creation Of Manufacturer Account
- Log-In By Manufacturer
- Download And Register UPN/TM/PD/URL Link
- Creation/Management/And Transport (LCMT) Software
- Installation And Set-Up UPN/TM/PD/URL LCMT Software Within Manufacturer's Enterprise
- Selection And Customizing UPN/TM/PD/URL LCMT GUI Design-
 - Manufacturer Customization Options;
 - Default CPI Categories For Linked URL,
 - Custom CPI Categories For Linked URL
- On-Line Training For UPN/TM/PD/URL LCMT Software
- Update Manufacturer Registration Information
- Certificate Of Manufacturer's Product Advertising Agents
- Certificate Of Manufacturer's Product Promotional Agents

FIG. 16

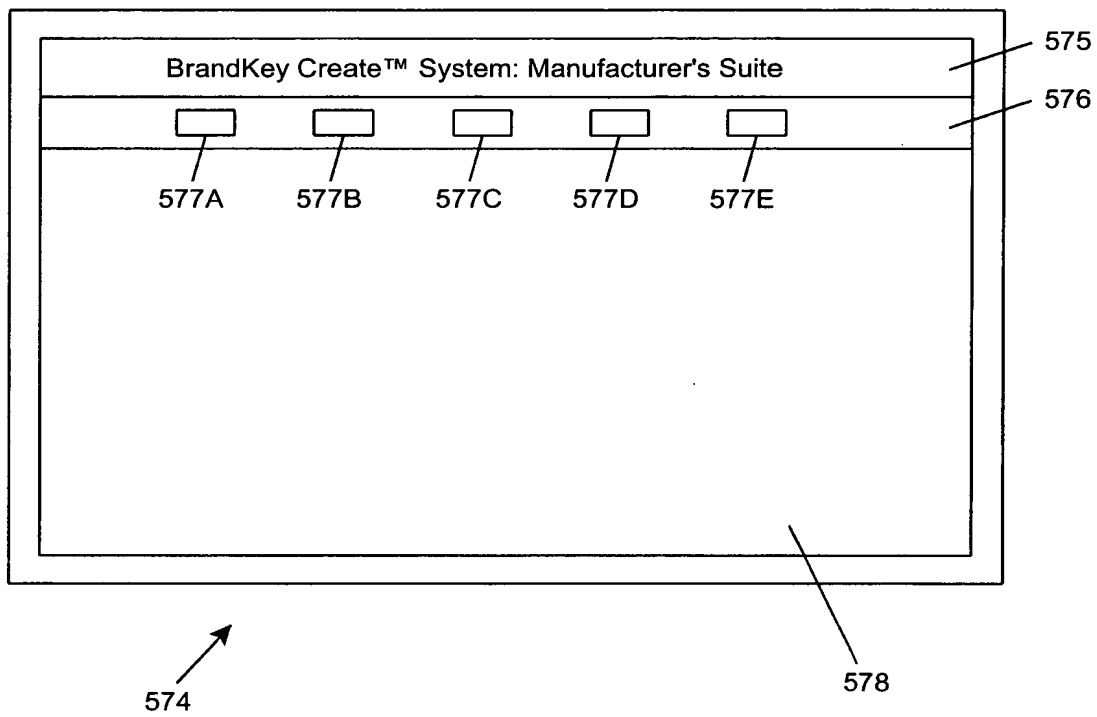


FIG. 16A

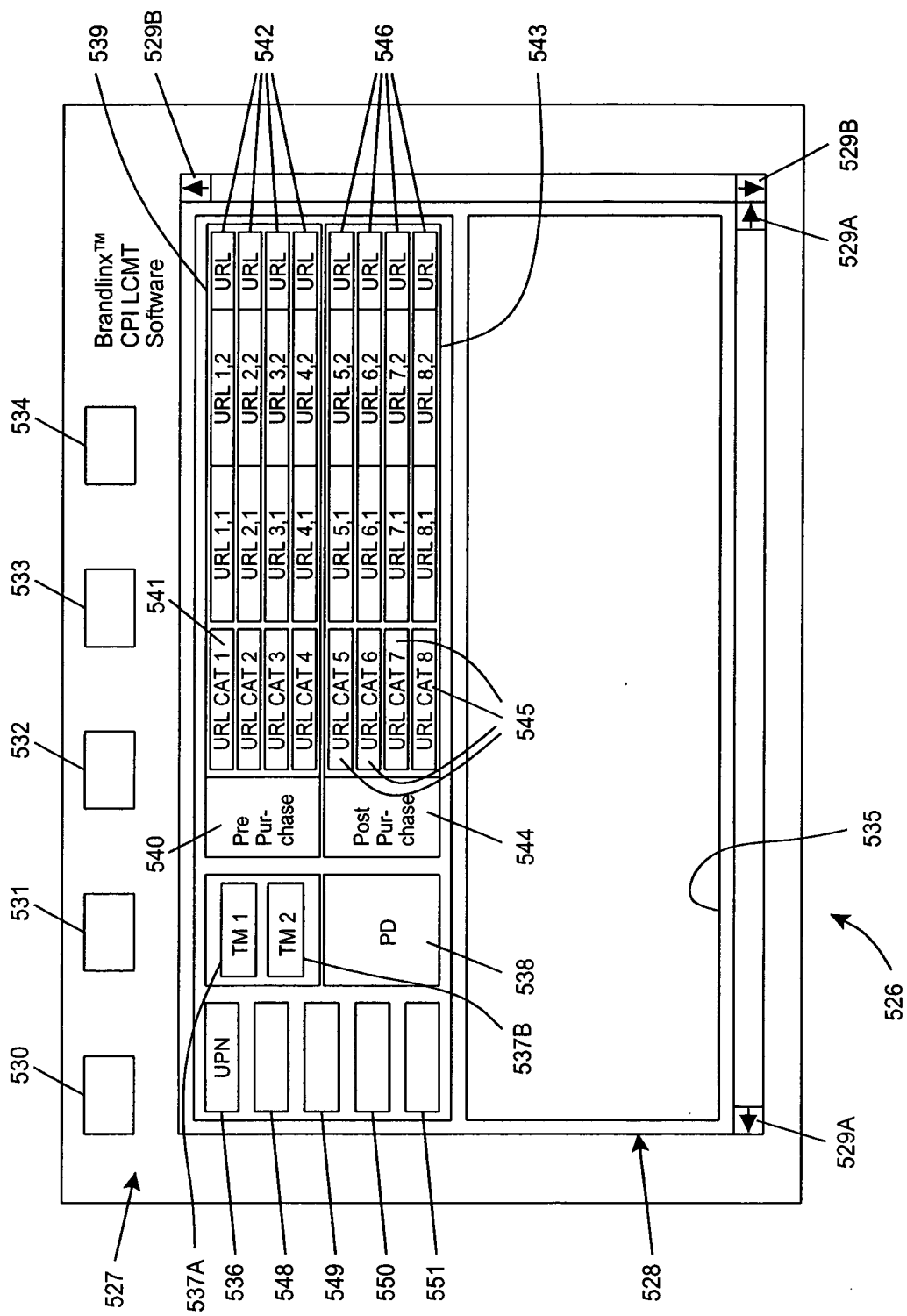


FIG. 17

Distributed Method And System Of UPC/URL Management Over A LAN Or WAN

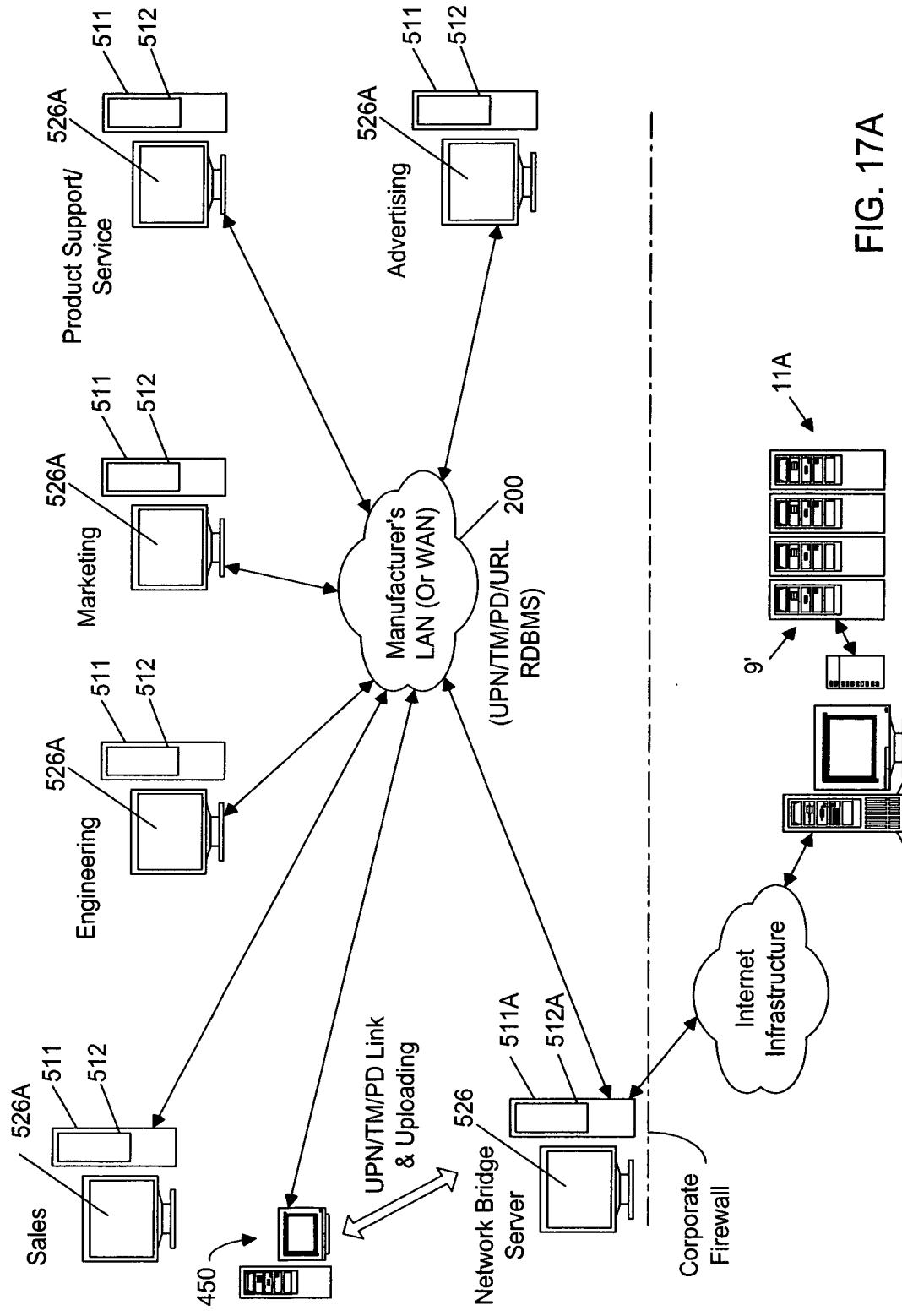


FIG. 17A

Distributed Method Of URL
Category Management
Within A Manufacturer's Enterprise

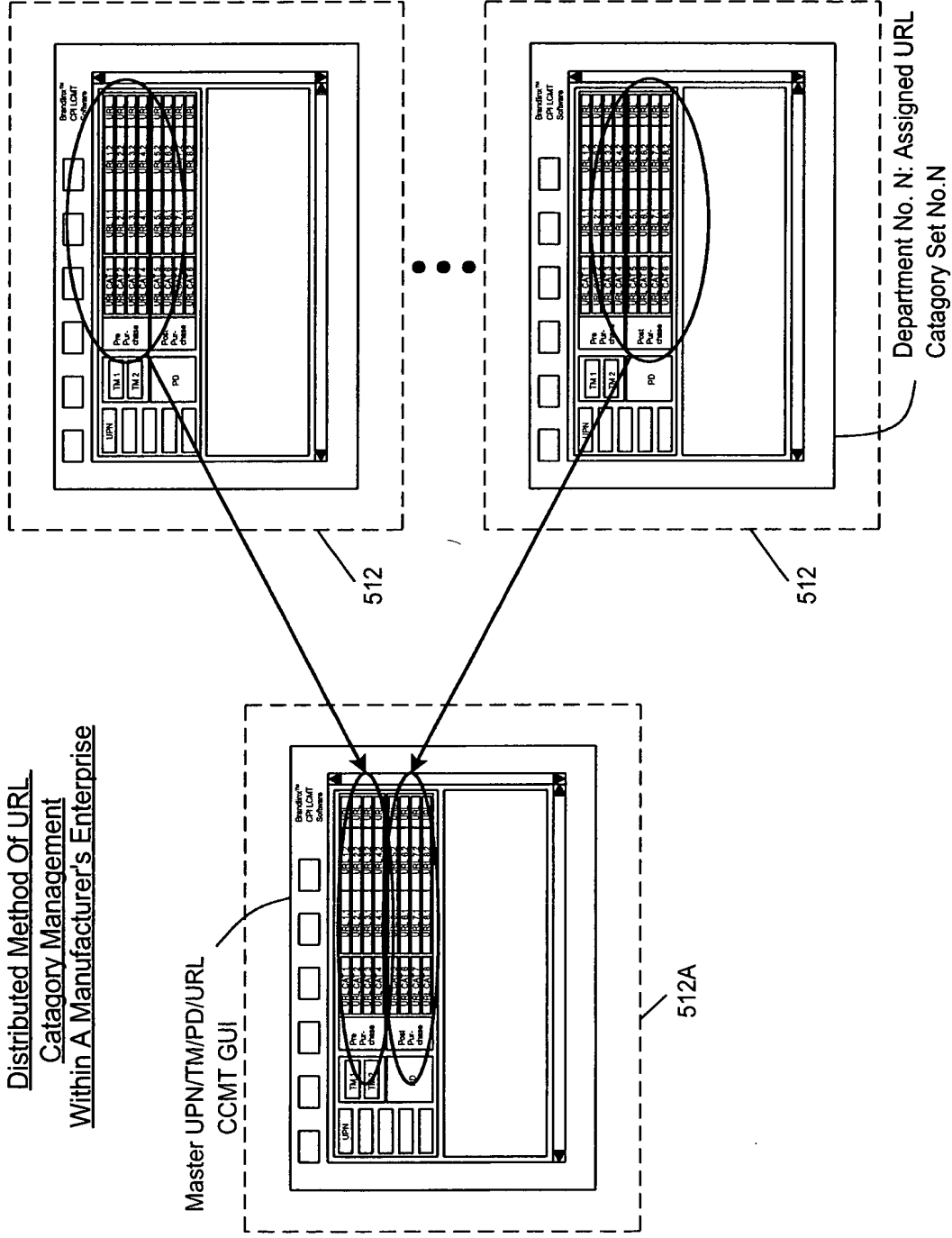


FIG. 17B

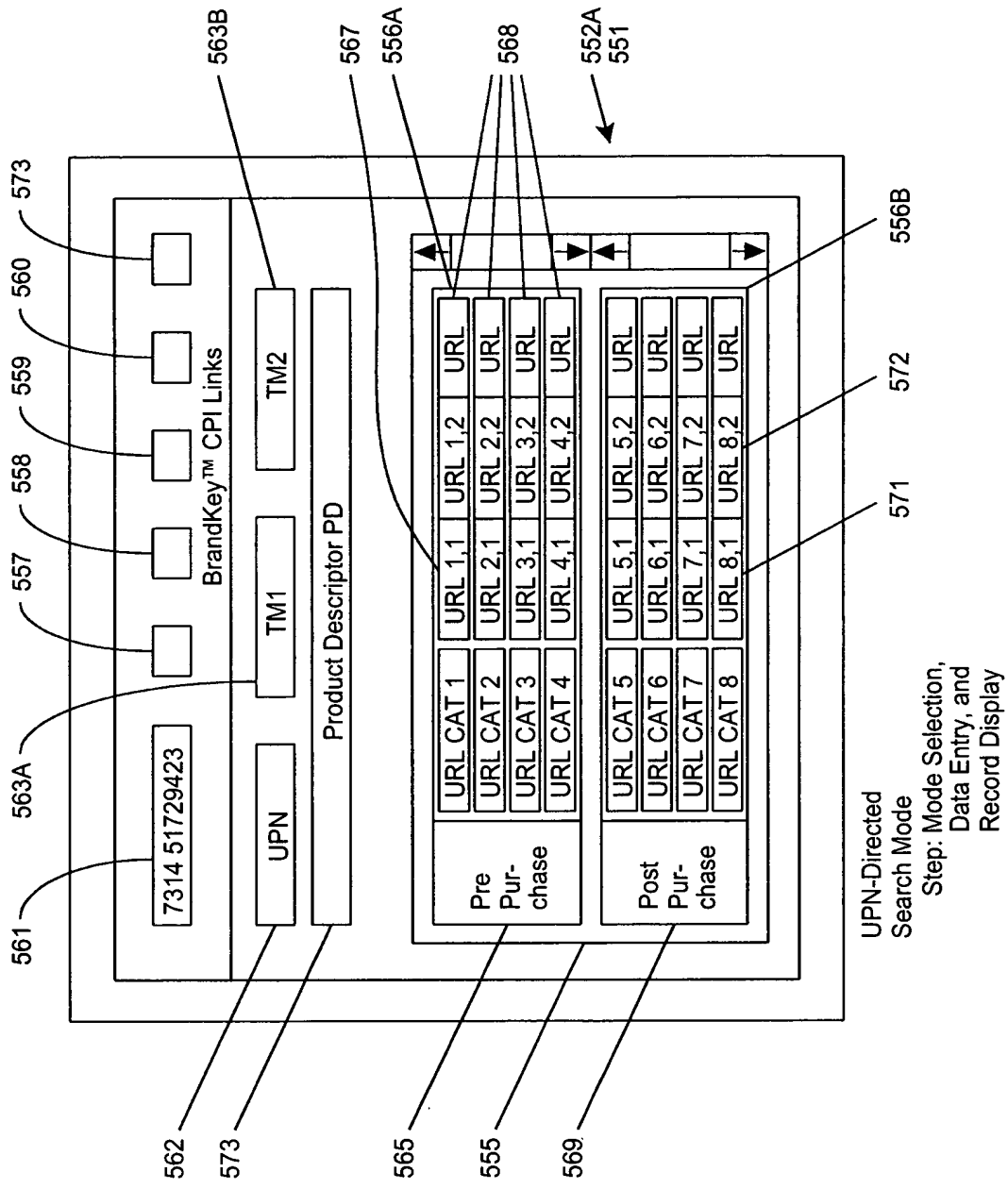
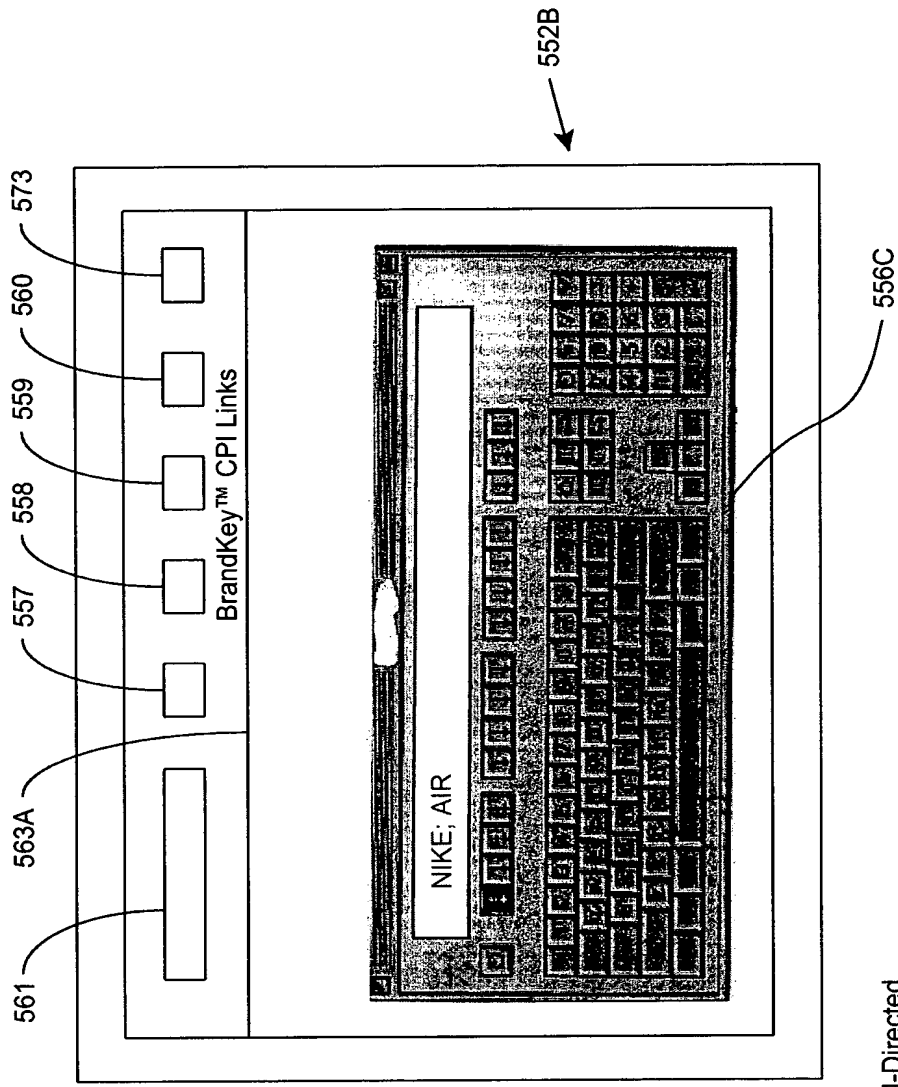


FIG. 18A



TM-Directed
Search Mode
Step 1: Mode Selection
And Data Entry

FIG. 18B1

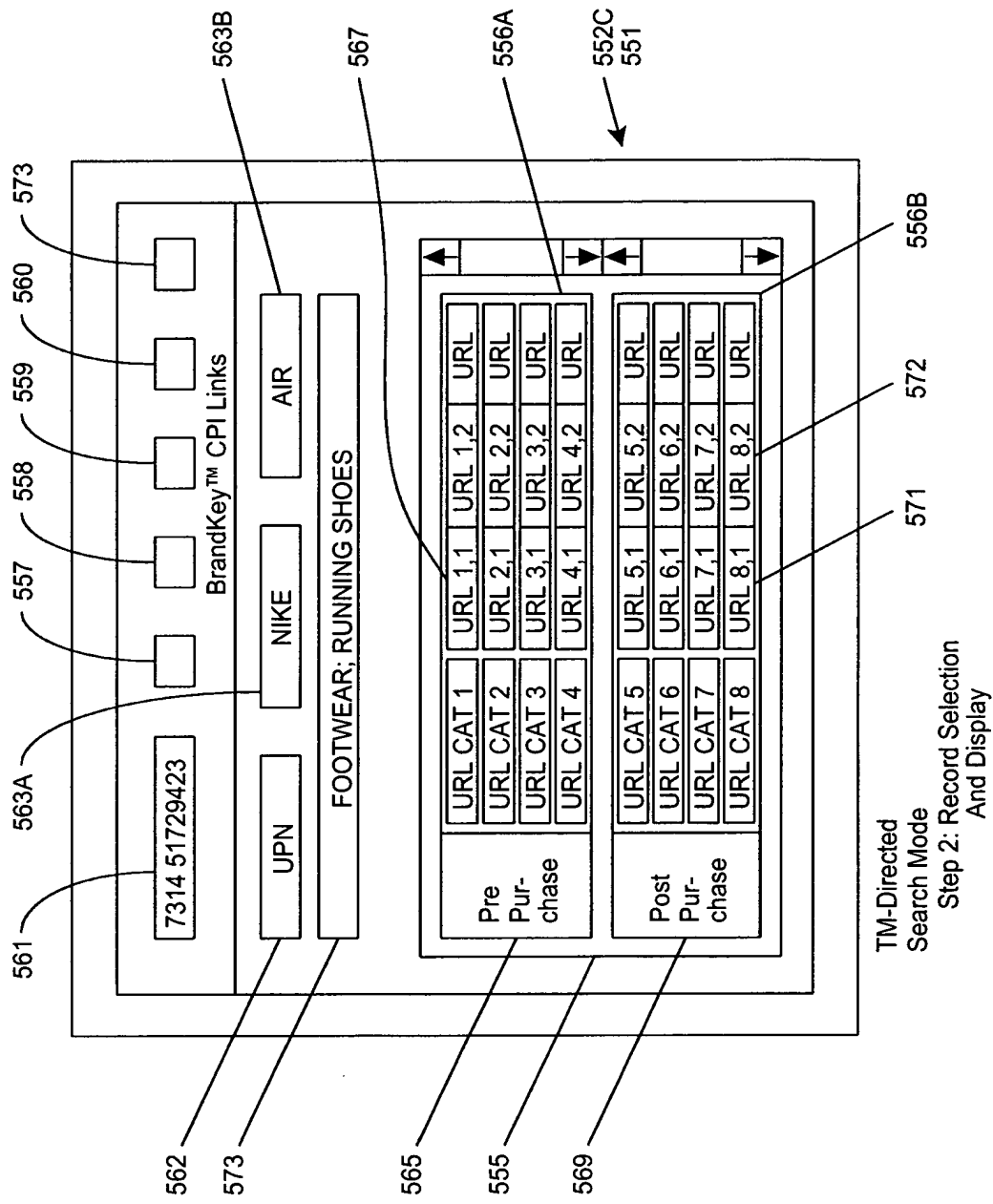
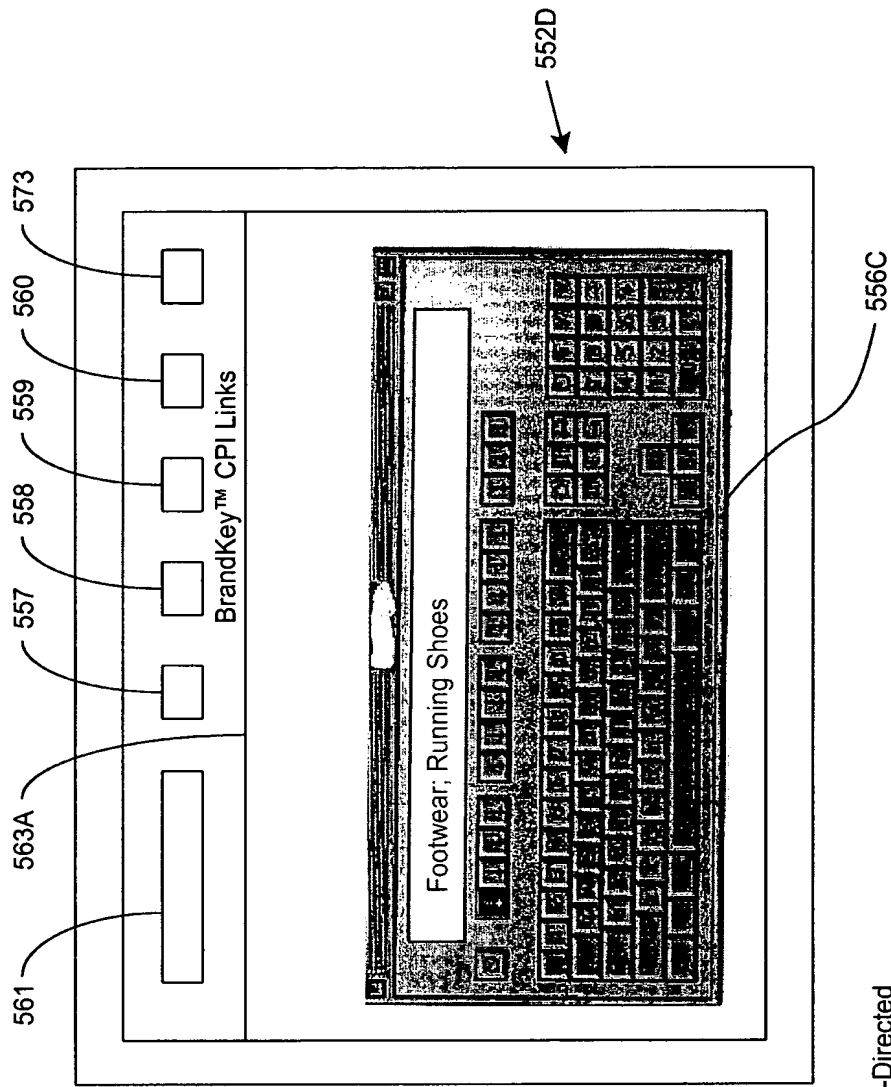


FIG. 18B2



PD-Directed
Search Mode
Step 1: Mode Selection
And Data Entry

FIG. 18C1

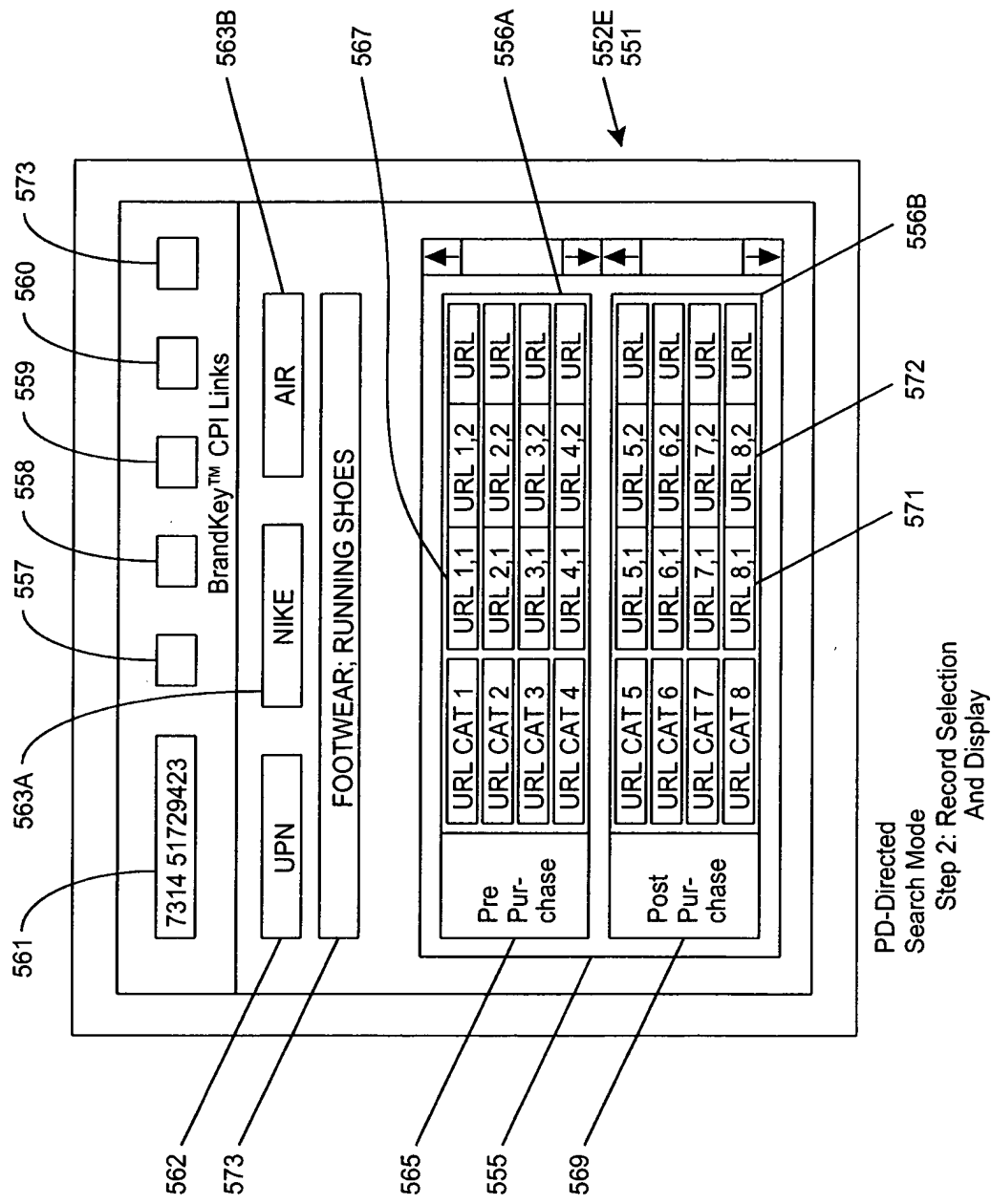


FIG. 18C2

Modes Of Information Service In The CPI Kiosk Configuration, Deployment,
Management And Access Subsystem (504)

Retailers (In Physical And Electronic Streams Of Commerce)

- Registration Of Retailer/Creation Of Retailer Account
- Log-In By Retailer
- Update And Display Kiosk Deployment Directory-
- Select/Order Physical And Virtual Kiosk For Deployment
 - Specify Location Of Kiosk Installation And Deployment
 - Selection Of Information Services Delivered By Deployed CPI Kiosk
 - Selection And Customization Of CPI Design- Kiosk GUI Design
- Registration Of Manufacturer's Physical Aisle/Shelf Rights/Privileges On CPI Kiosks
- Certification Of Retailer's Advertising Agents
- Certification Of Retailer's Product Promotional Agents
- Monitoring Performance Of Registered Retailer Advertising Agents
- Monitoring Performance Of Registered Retailer Promotional Agents

Consumers

- Registration Of Consumer (For Retailer-Issued Courtesy Cards)
- Display Of Kiosk Deployment Directories
 - Virtual CPI Kiosks Deployed In Retailer E-Stores
 - Physical CPI Kiosks Deployed In Retailer P-Stores
 - Virtual CPI Kiosks Deployed On WWW
- Monitor Consumer CPI E-Mail Transmissions From Subsystem

FIG. 19A

Manufacturer's (In Electronic Streams Of Commerce)

- Registration Of Manufacture/Creation Of Retailer Account
- Log-In By Manufacturer
Update And Display Manufacturer's Virtual Kiosk Deployment Directory-
- Select/Order Virtual Kiosk For Deployment
 - Specify Domain Of Virtual Kiosk Installation And Deployment
 - Selection Of Information Services Delivered By Deployed Virtual CPI Kiosk
 - Selection And Customize Of-Virtual CPI Kiosk GUI Design
- Registration Of Manufacturer's Aisle/Shelf Rights/Privileges On CPI Kiosks
- Certification Of Manufacturer's Advertising Agents
- Certification Of Manufacturer's Product Promotional Agents
- Monitoring Performance Of Certified/Registered Manufacturer's Advertising Agents
- Monitoring Performance Of Certified/Registered Manufacturer's Promotional Agents

FIG. 19B

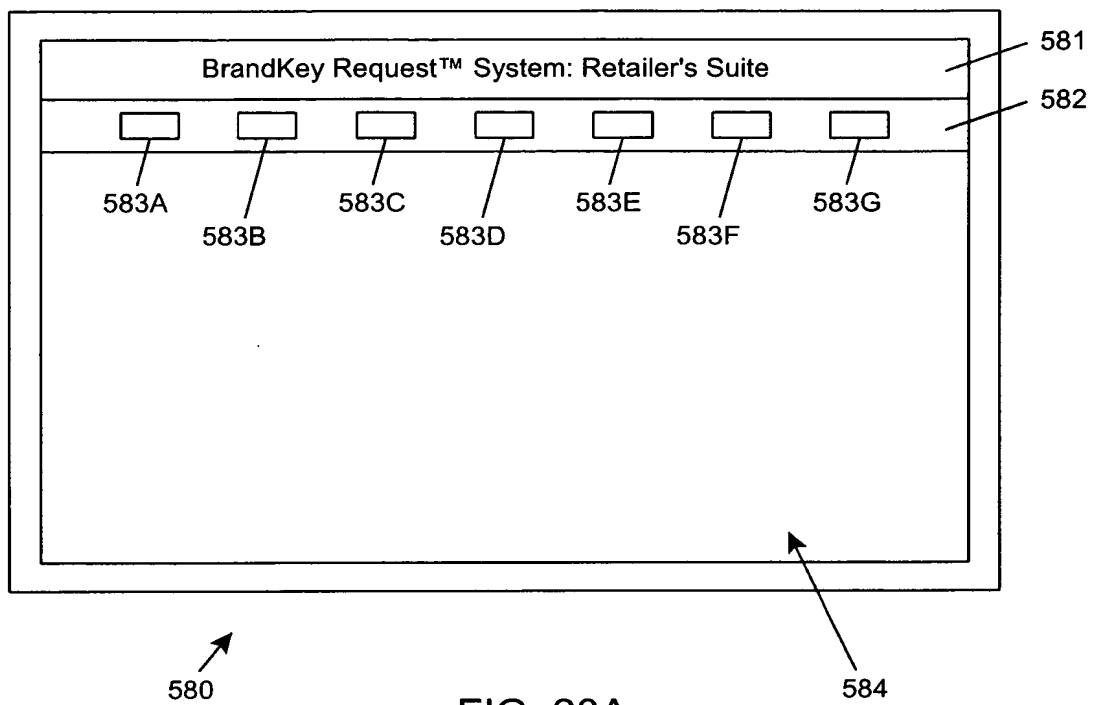


FIG. 20A

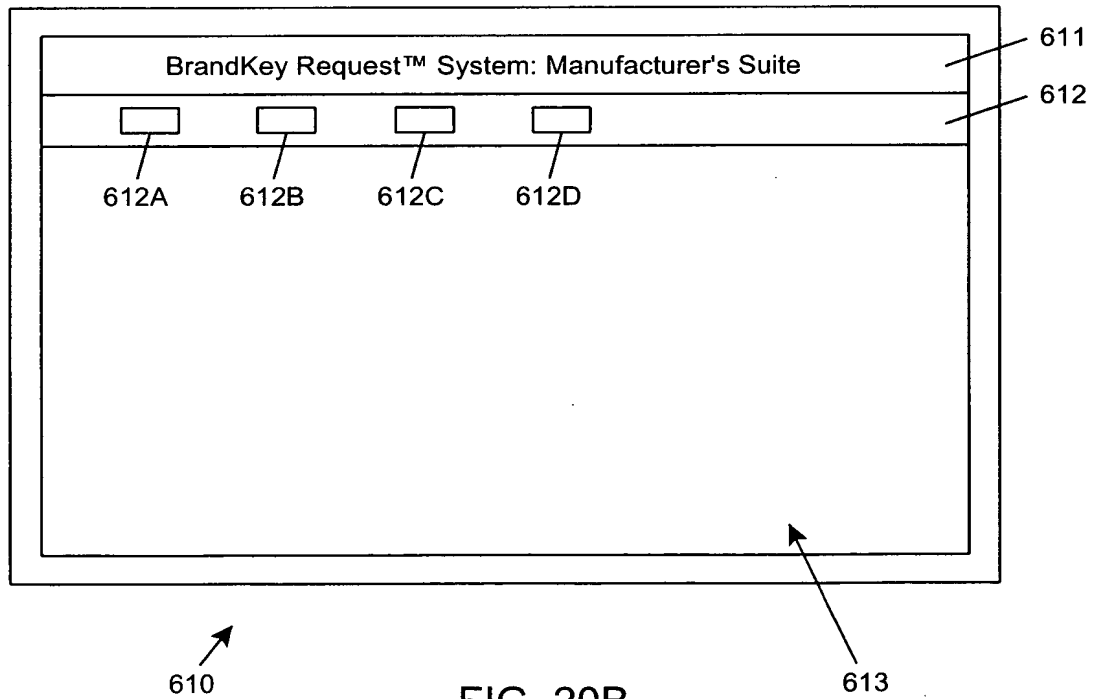


FIG. 20B

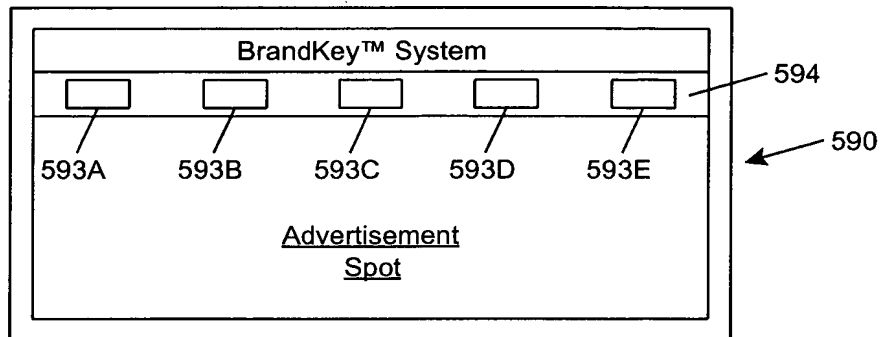


FIG. 21A

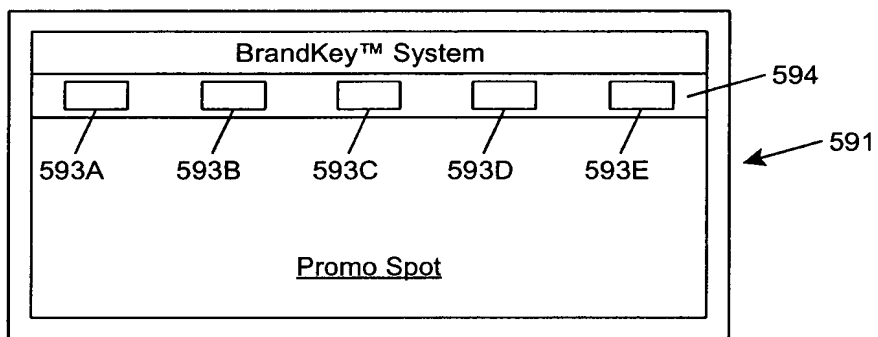


FIG. 21B

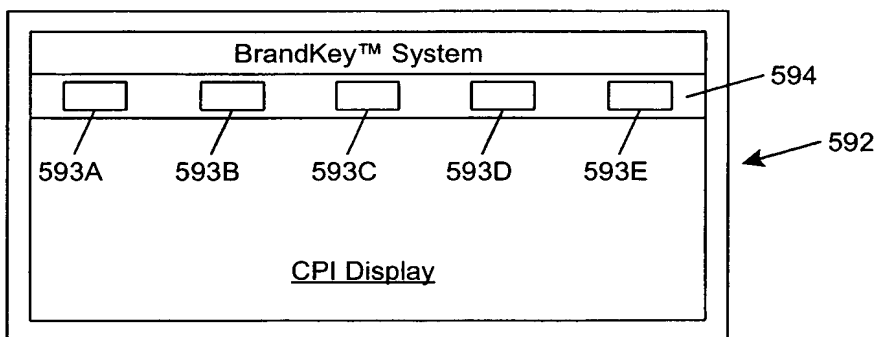


FIG. 21C

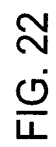


FIG. 22

"Manufacturer Aisle/Shelf Right/Privilege Registration"

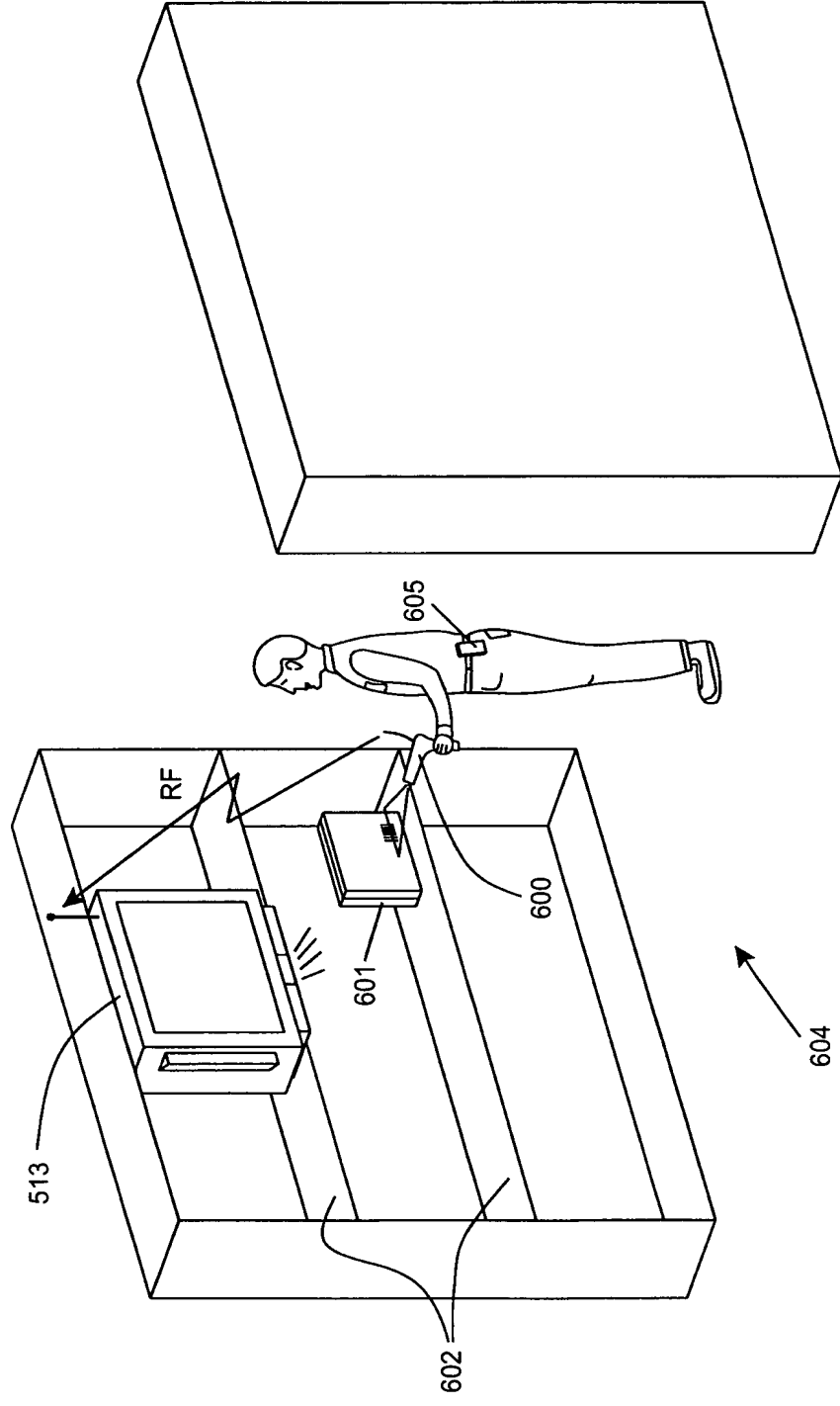


FIG. 23

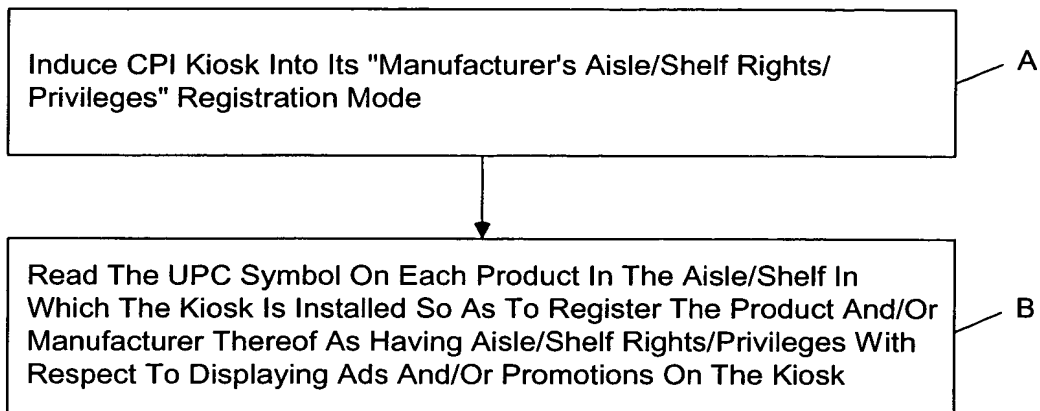


FIG. 24A

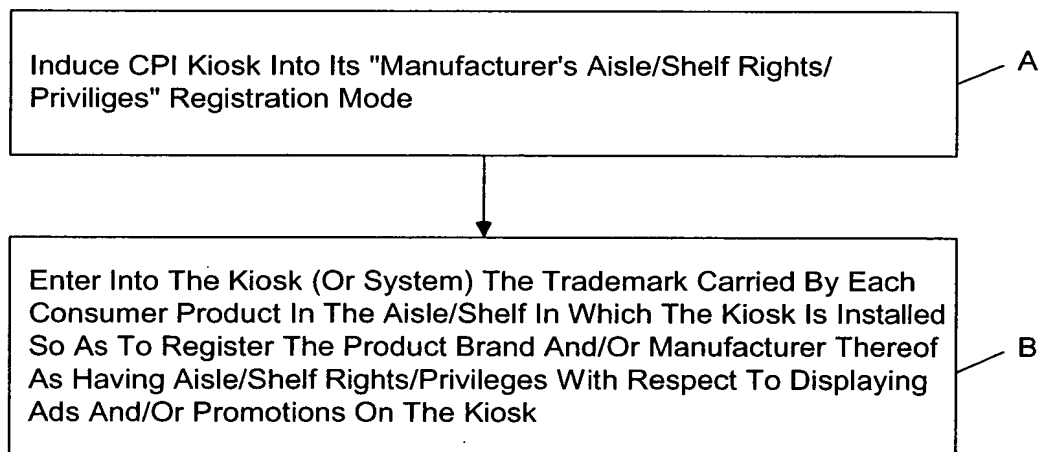


FIG. 24B

Data-Processing Method Carried Out On CPI Requests Made By Consumers From Physical Retailer-Based CPI Kiosks In Accordance With The Principles Of The Present Invention

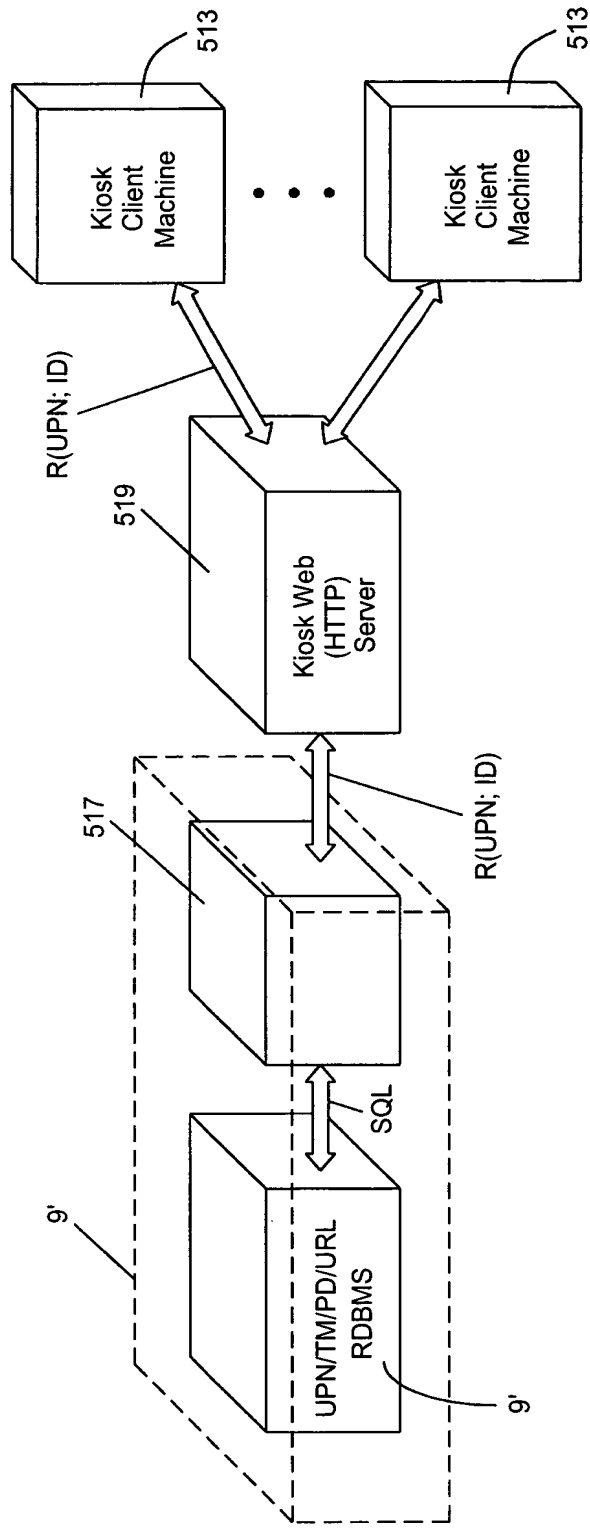


FIG. 25

Data Filtering On CPI Requests Made From Physical
Kiosks Deployed In A Retailers Store

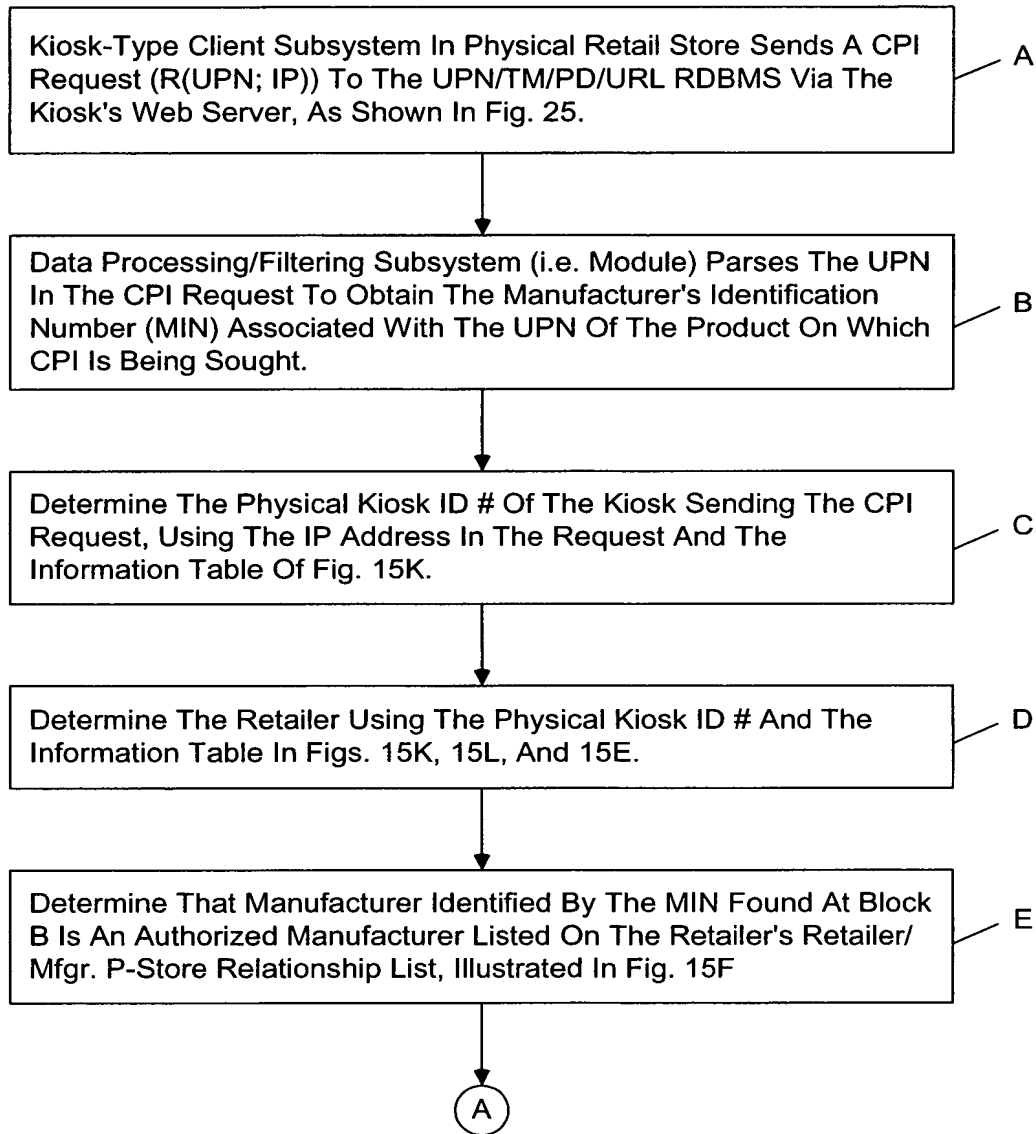


FIG. 26A

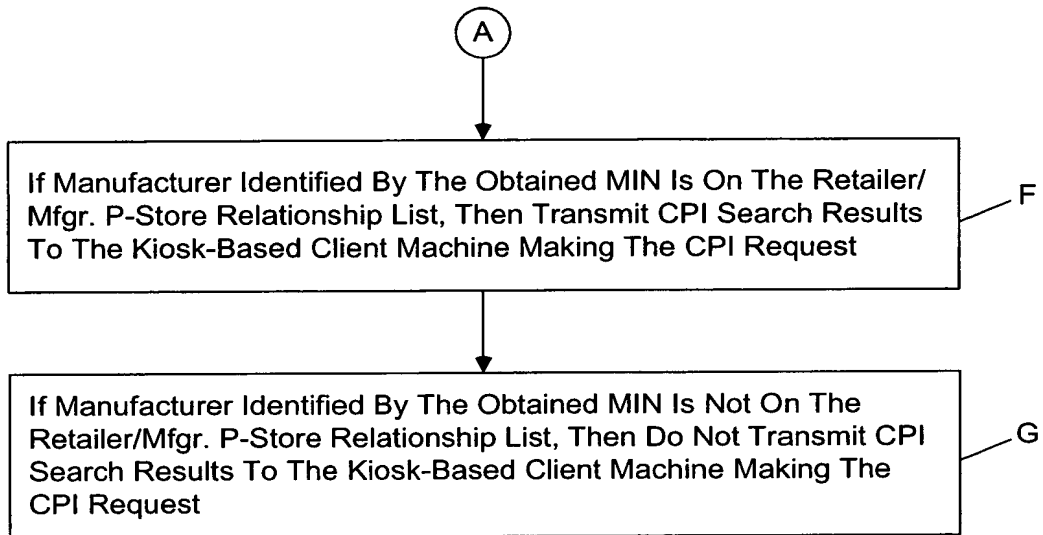


FIG. 26B

Data-Processing Method Carried Out On CPI Requests Made By Consumers From Virtual-Type Retailer-Based CPI Kiosks In Accordance With The Principles Of The Present Invention

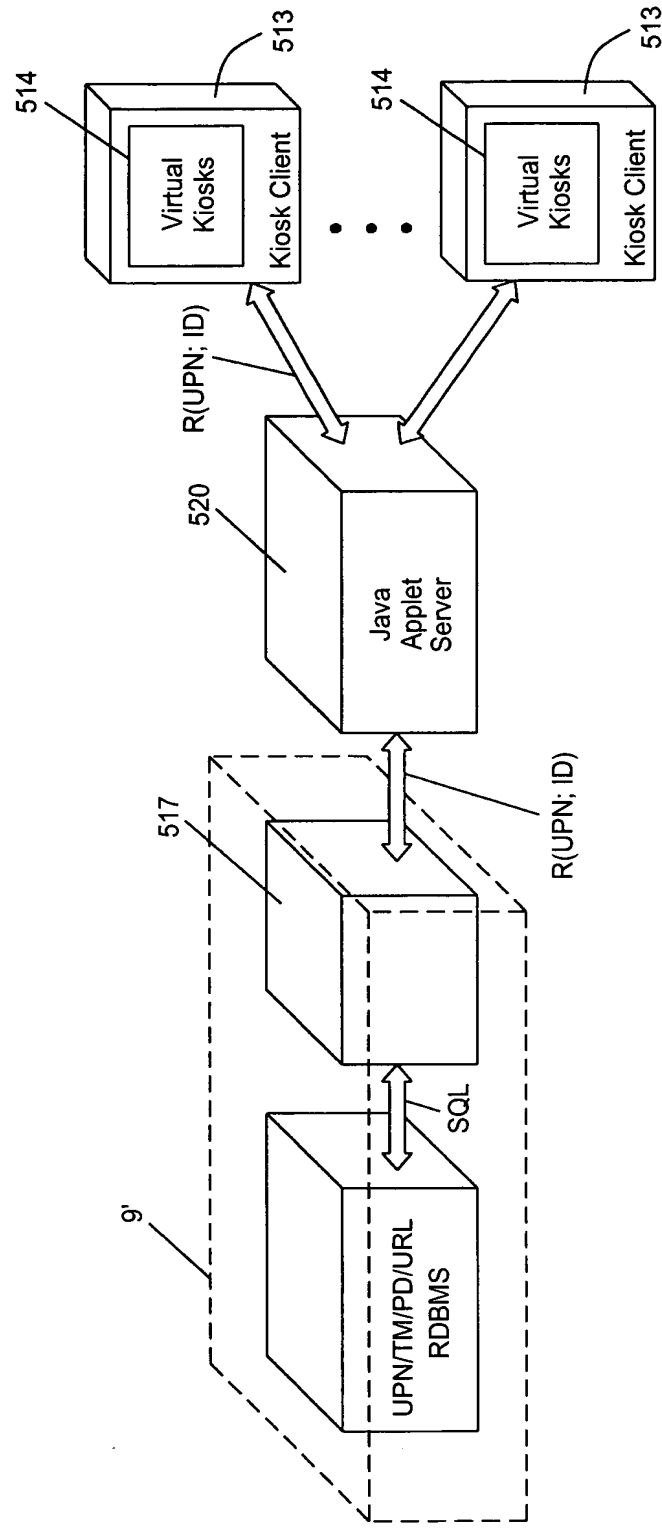


FIG. 27

Data Filtering On CPI Requests Made From Virtual (Applet-Enabled)
Kiosks Deployed At An E-Tailers WWW Site Or E-Store

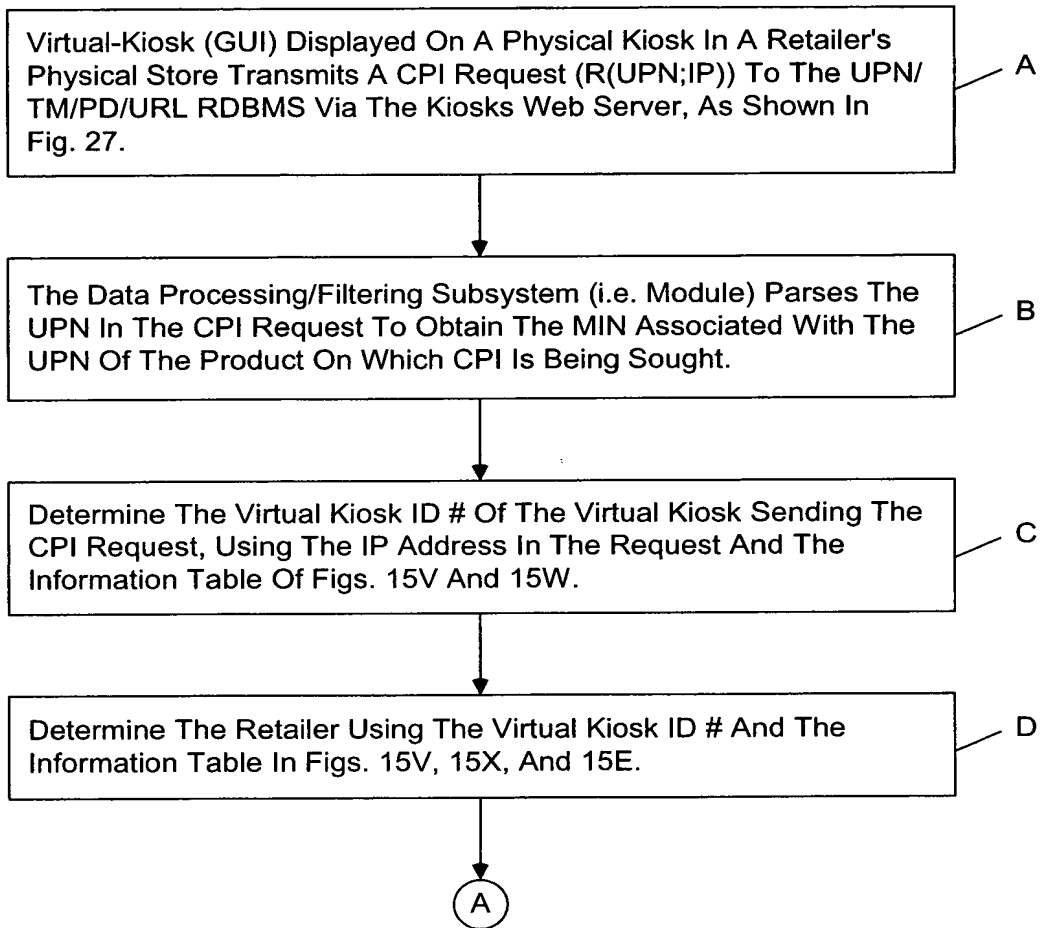


FIG. 28A

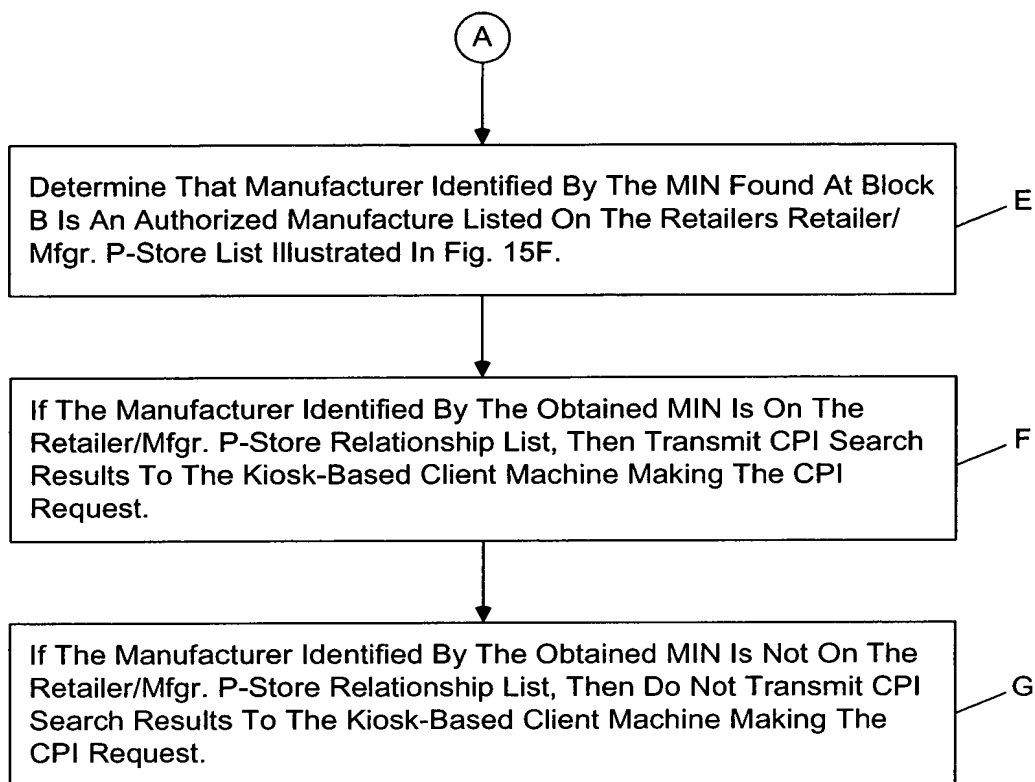


FIG. 28B

Modes of Information Service in the Consumer Product Advertisement
Marketing, Programming, Management and Delivery Subsystem (502)

Advertisers

- Registration Of Advertiser/Creation Of Advertiser Account
- Log-In By Advertiser
- Display Kiosk Advertising Directory Identifying CPI Kiosks On Which The Advertiser Is Authorized To Display Advertisements On Consumer Products
- Display Kiosk Advertising Directory Identifying CPI Kiosks On Which The Advertiser Is Authorized To Display Advertisements On A Particular Brand Or Brands Of Consumer Product
- Register Kiosk Advertising Campaign To Be Displayed On A Retailer-Authorized Subnetwork Of CPI Kiosks
- Build Kiosk Advertising Campaign By Placing Ad Spot Orders To Be Run On A Particular Subnetwork Of CPI Kiosks
- Run And Display-Kiosk Advertising Campaign On Retailer-Authorized Subnetwork Of CPI Kiosk Subnetwork
- Modify Kiosk Advertising Campaign
- Monitor Performance Of Kiosk Advertising Campaign

FIG. 29

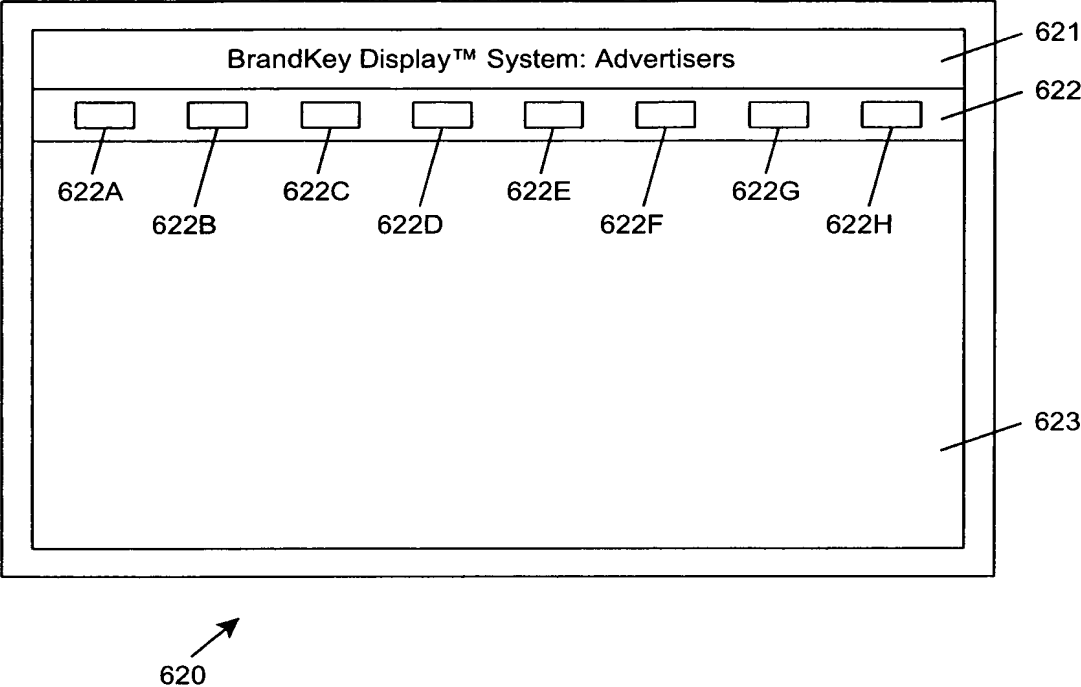


FIG. 30

Data-Processing Method Applied During The Generation Of A
Kiosk Advertising Directory Identifying A Deployed Network Of
Physical And Virtual Types Of Retailer-Based CPI Kiosks On
Which Particular Advertisers And Advertising Agents Are Authorized
By Retailers To Display Product Advertisements, In Accordance
With The Principles Of The Present Invention

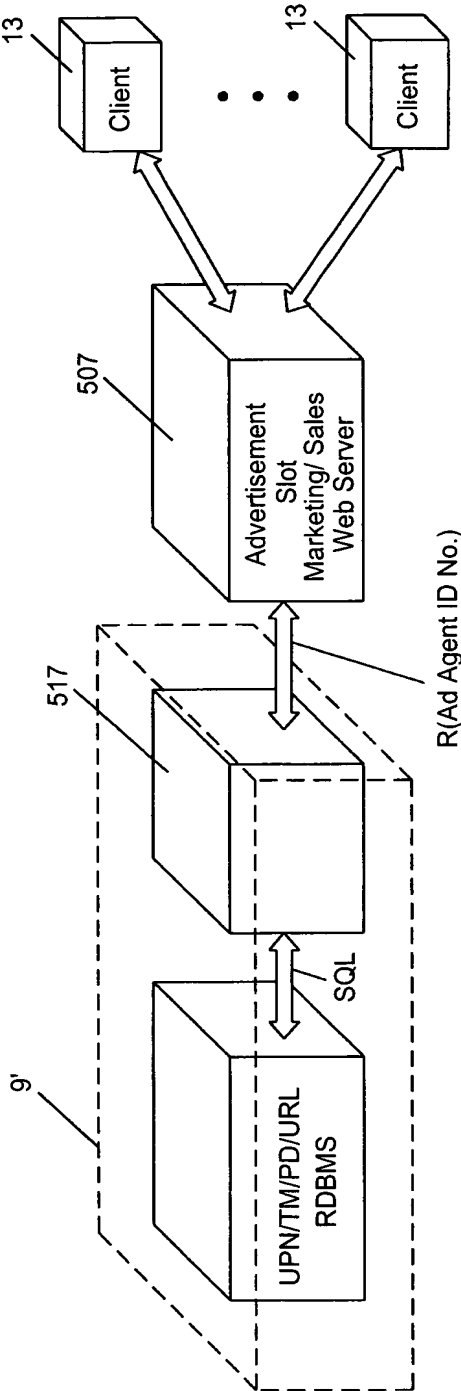


FIG. 31

Data Processing Method For Generating A General Kiosk Advertising Directory Which Includes Only (Physical And Virtual) Kiosks On Which The Registered Advertiser Is Authorized By Retailers To Place Ad Spot Orders For Execution And Display

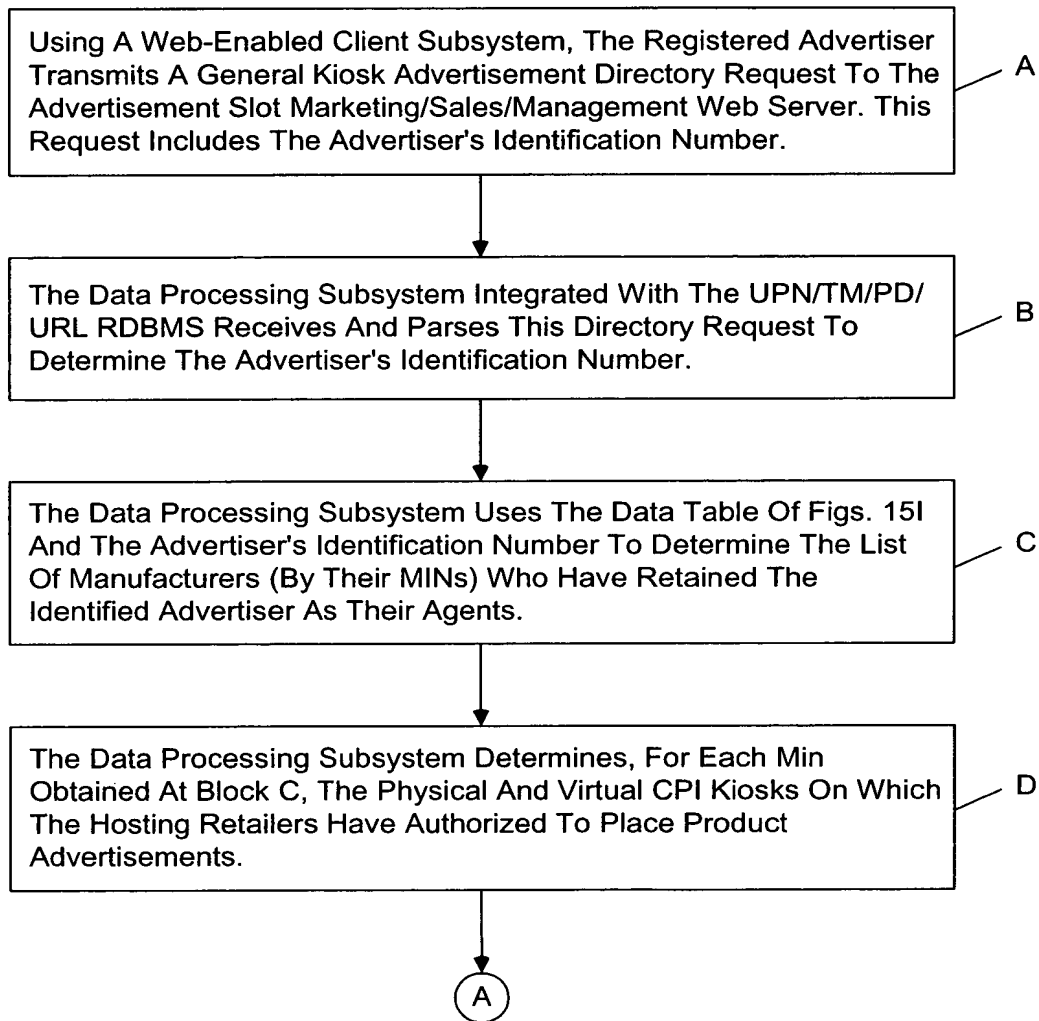


FIG. 32A

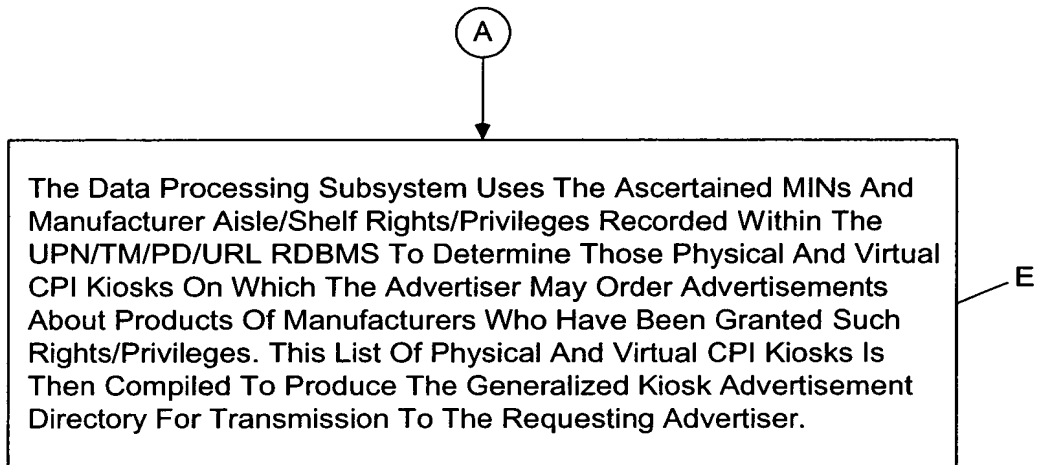


FIG. 32B

Data-Processing Method Applied During The Generation Of A Kiosk Advertising Directory Identifying A Deployed Network Of Physical And Virtual Types Of Retailer-Based CPI Kiosks On Which A Particular Advertiser Or Advertising Agent Is Authorized By Kiosk-Hosting Retailers To Display Product Advertisements Regarding A Particular Brand Of UPN-Indexed Consumer Product In Accordance With The Principles Of The Present Invention

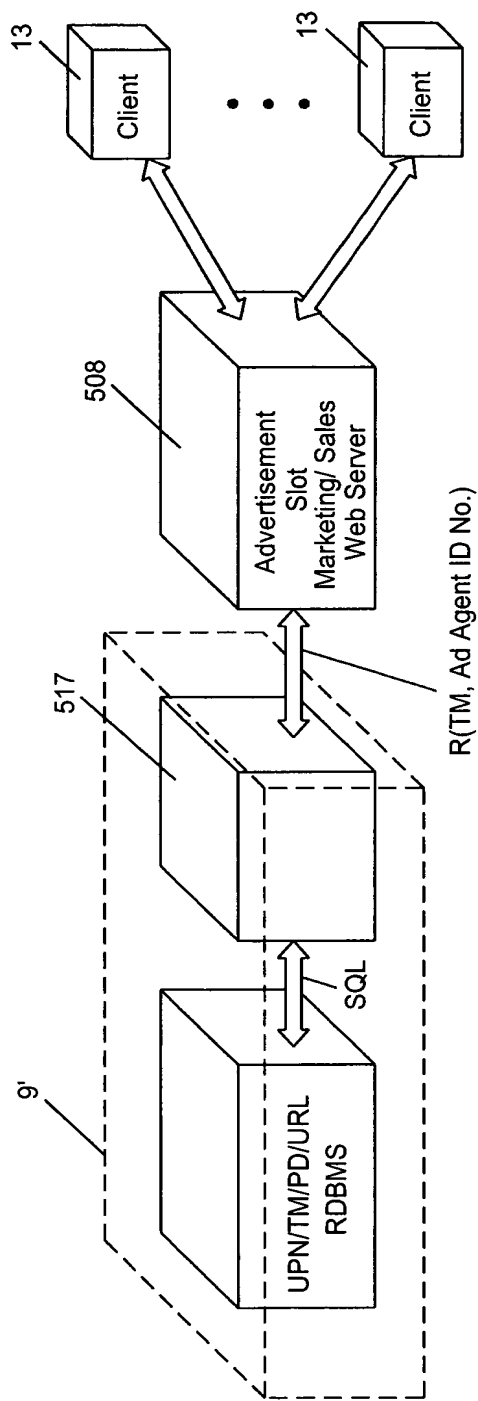


FIG. 33

Data Processing Method For Generating A Brand Kiosk
Advertising Directory Which Includes Only (Physical And
Virtual) Kiosks On Which The Registered Advertiser Is
Authorized By Retailers To Place Ad Spot Orders
For Execution And Display

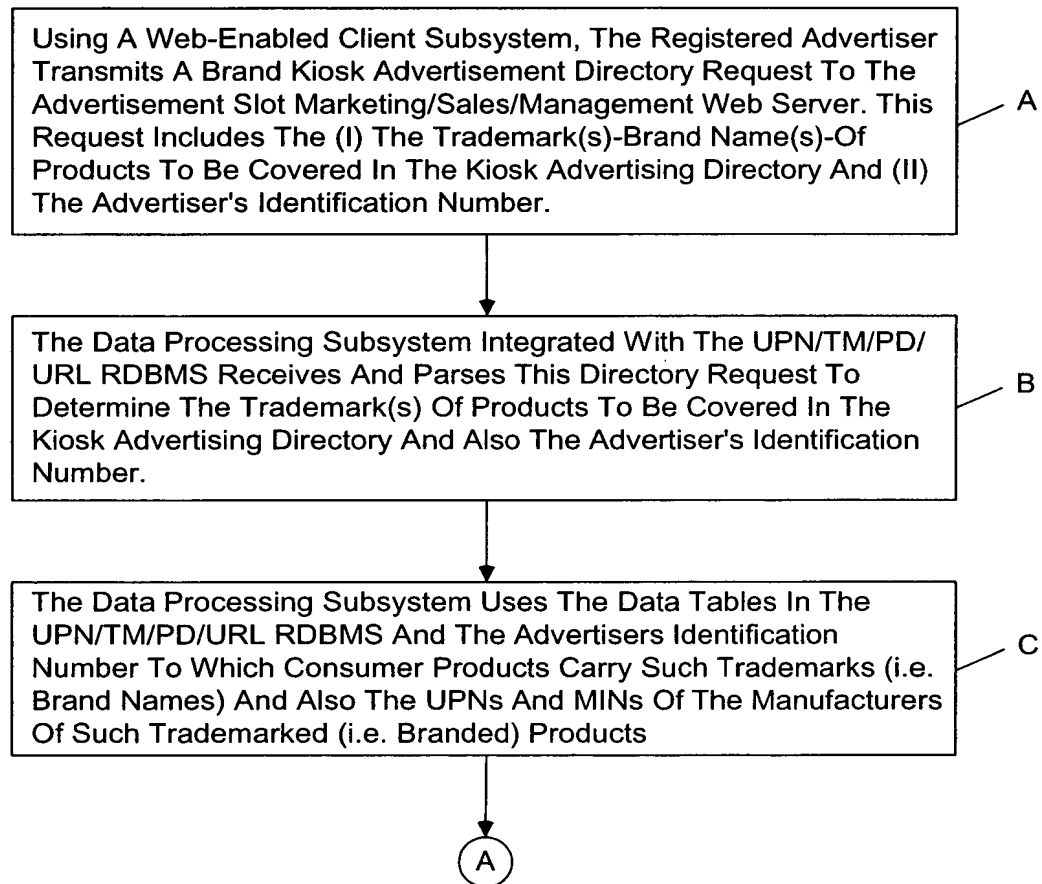


FIG. 34A

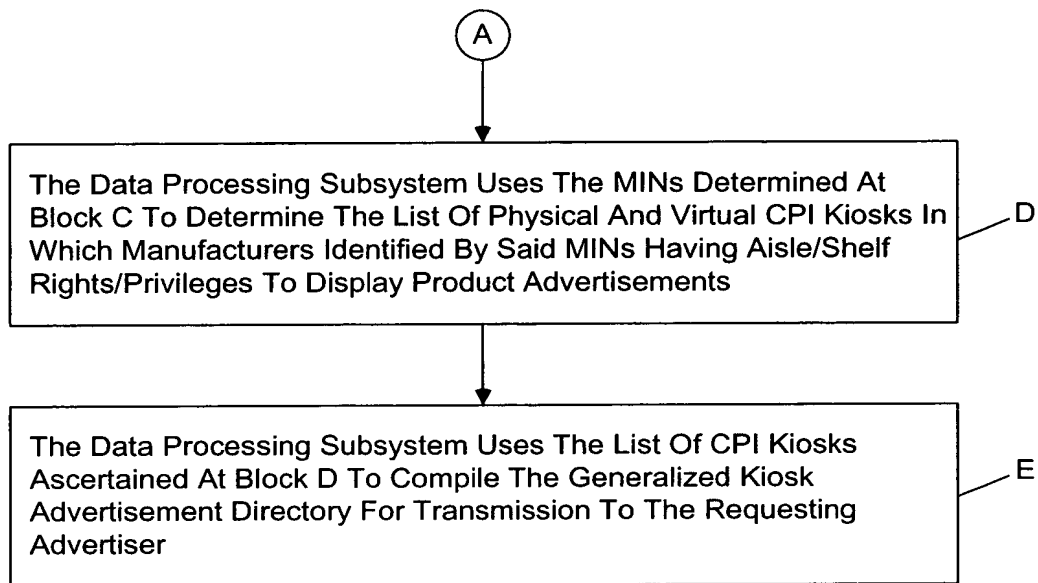


FIG. 34B

Modes of Information Service in the Consumer Product Promotion Marketing,
Programming, Management and Delivery Subsystem (503)

Promoters

- Registration Of Promoter/Creation Of Promotion Account
- Log-In By Promoter
- Display Kiosk Promotional Directory Identifying CPI Kiosks On Which The Promoter Is Authorized To Display Promotion On Consumer Products
- Display Kiosks On Which The Promoter Is Authorized To Display Promotions On A Particular Brand Or Brands Of Consumer Products
- Register Kiosk Promotions Campaign To Be Displayed On A Retailer-Authorized Subnetwork Of CPI Kiosks
- Run And Display-Kiosk Promotion Campaign On Retailer-Authorized Subnetwork Of CPI Kiosk Subnetwork
- Modify Instituted Kiosk Promotion Campaign
- Monitor Kiosk Promotion Campaign

FIG. 35

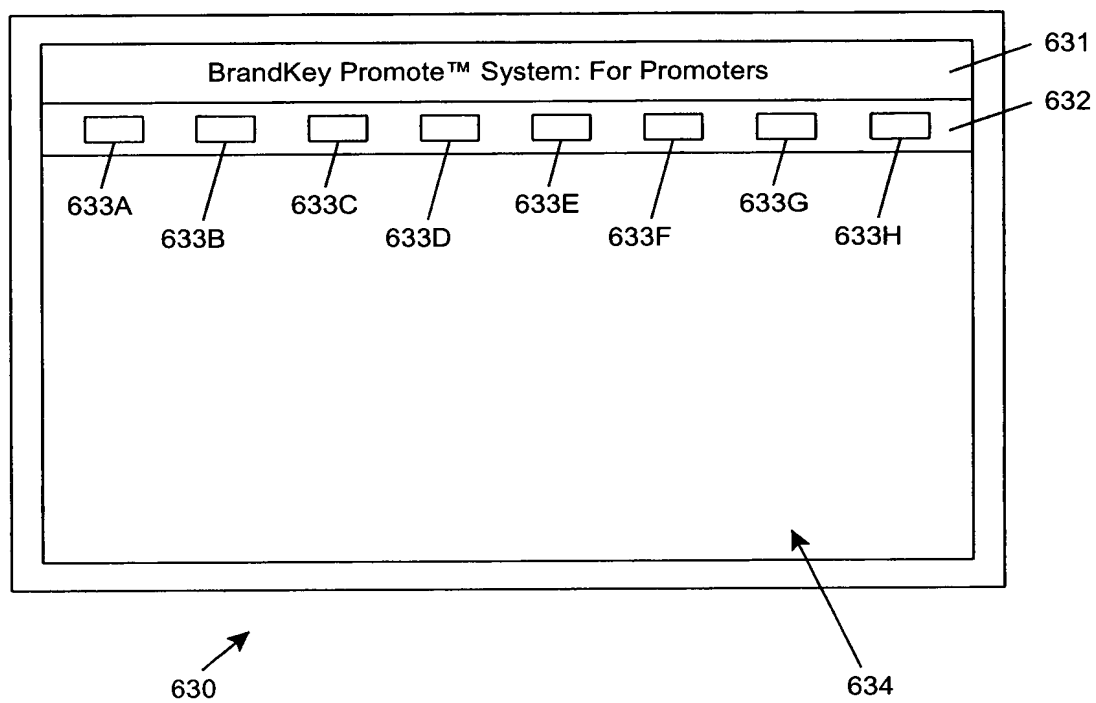


FIG. 36

Data-Processing Method Applied During The Generation Of A Kiosk Promotion Directory Identifying A Deployed Network Of Physical And Virtual Types Of Retailer-Based CPI Kiosks On Which Particular Promoters And Promotional Agents Are Authorized By Retailers To Display Product Promotions In Accordance With The Principles Of The Present Invention

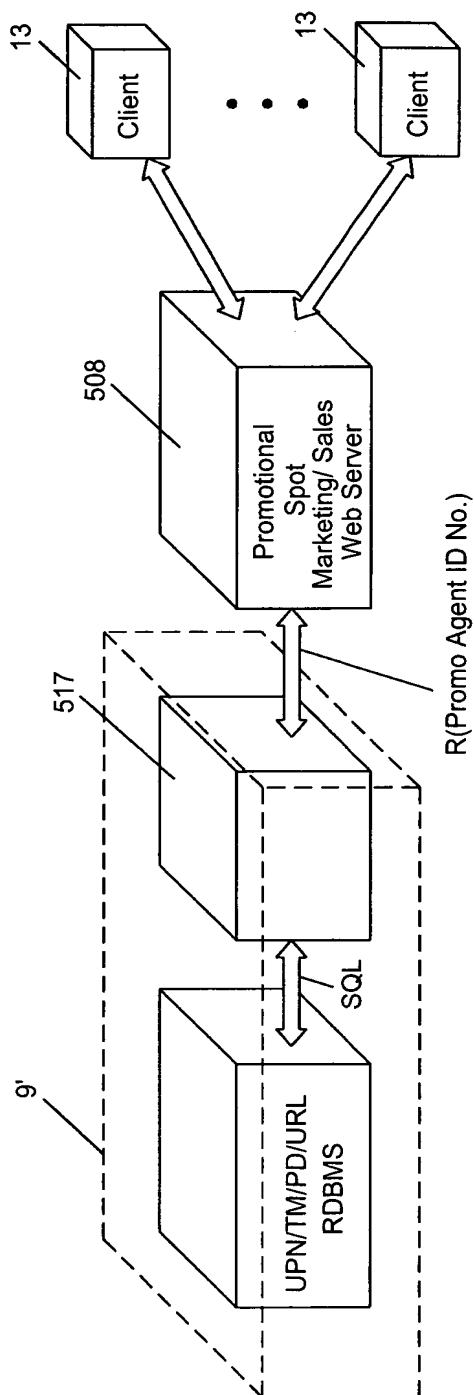


FIG. 37

Data Processing Method For Generating A General Kiosk
Promotion Directory Which Includes Only (Physical And
Virtual) Kiosks On Which The Registered Promoter Is
Authorized By Retailers To Place Promo Spot Orders
For Execution And Display

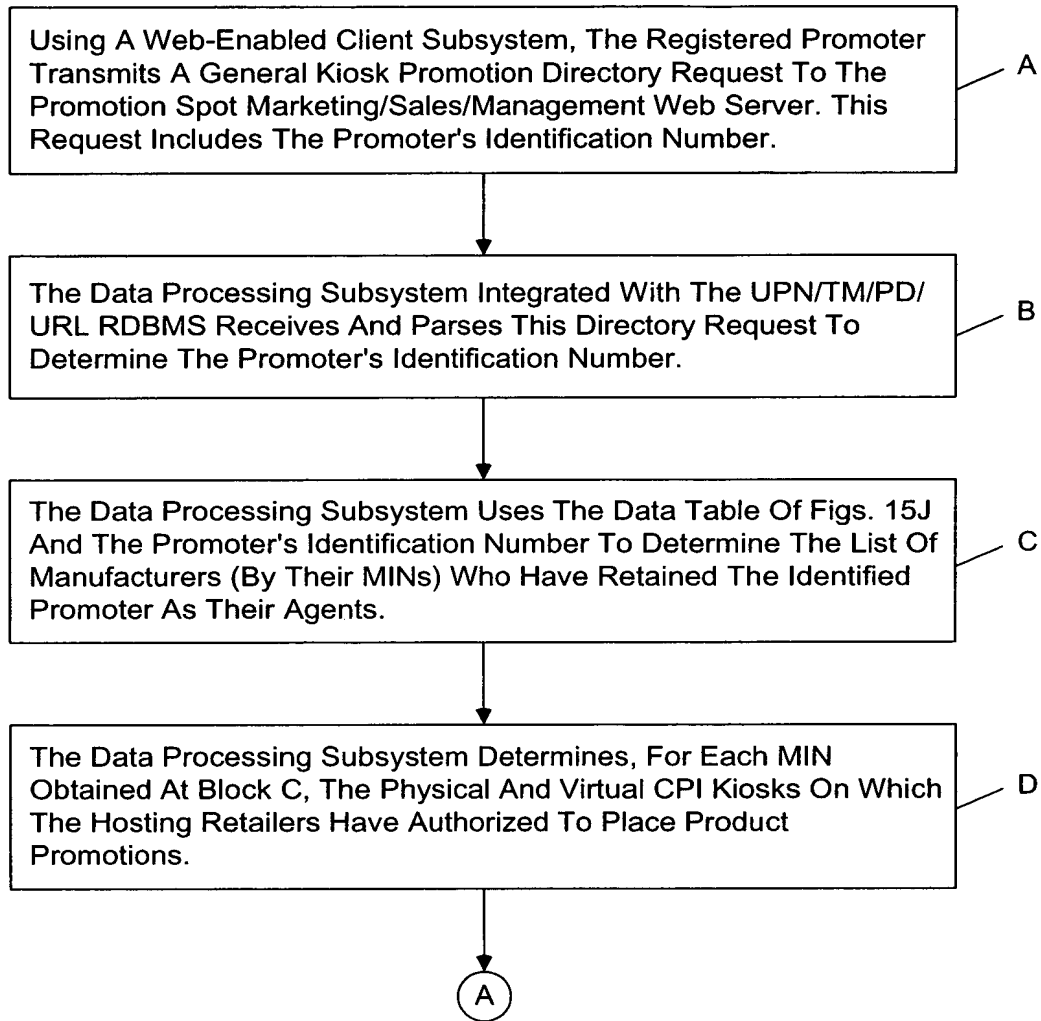


FIG. 38A

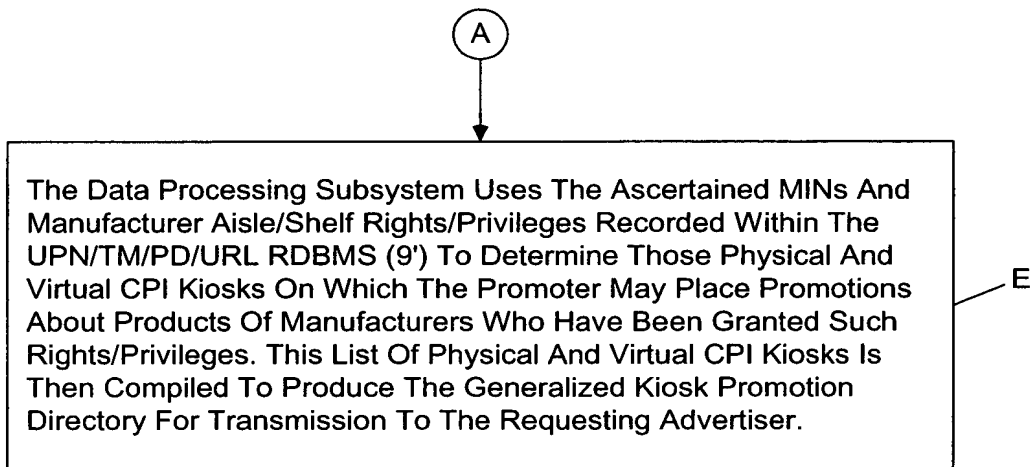


FIG. 38B

Data-Processing Method Applied During The Generation Of A
Kiosk Promotion Directory Identifying A Deployed Network Of
Physical And Virtual Types Of Retailer-Based CPI Kiosks On
Which A Particular Promoter Or Promotional Agent Is Authorized
By Kiosk-Hosting Retailers To Display Product Promotions
Regarding A Particular Brand Of UPN-Indexed Consumer Product
In Accordance With The Principles Of The Present Invention

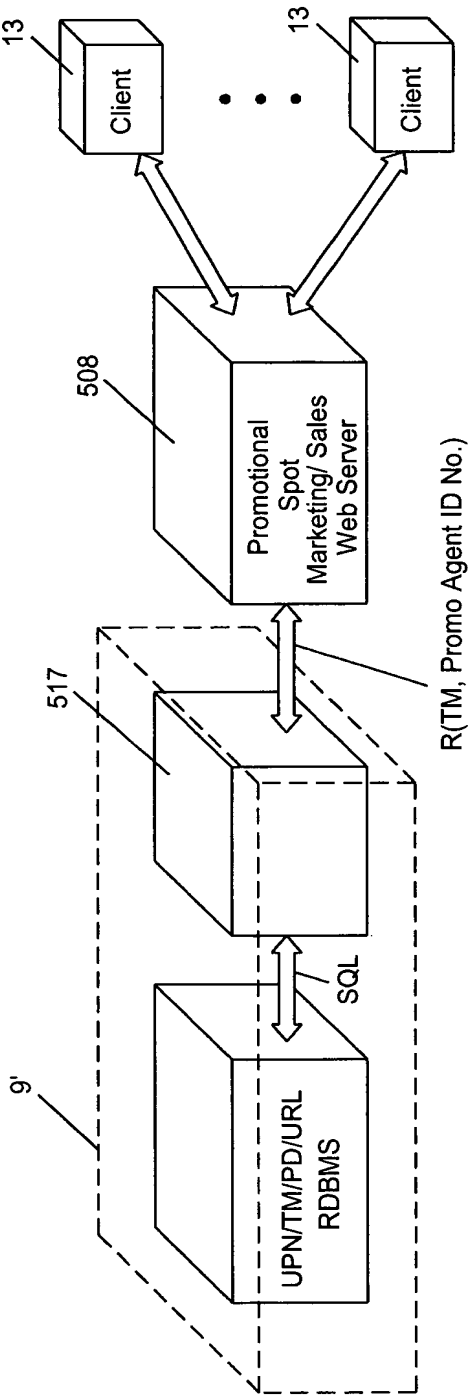


FIG. 39

Data Processing Method For Generating A Brand Kiosk
Promotion Directory Which Includes Only (Physical And
Virtual) Kiosks On Which The Registered Promoter Is
Authorized By Retailers To Place Promotion Spot Orders For
Execution And Display

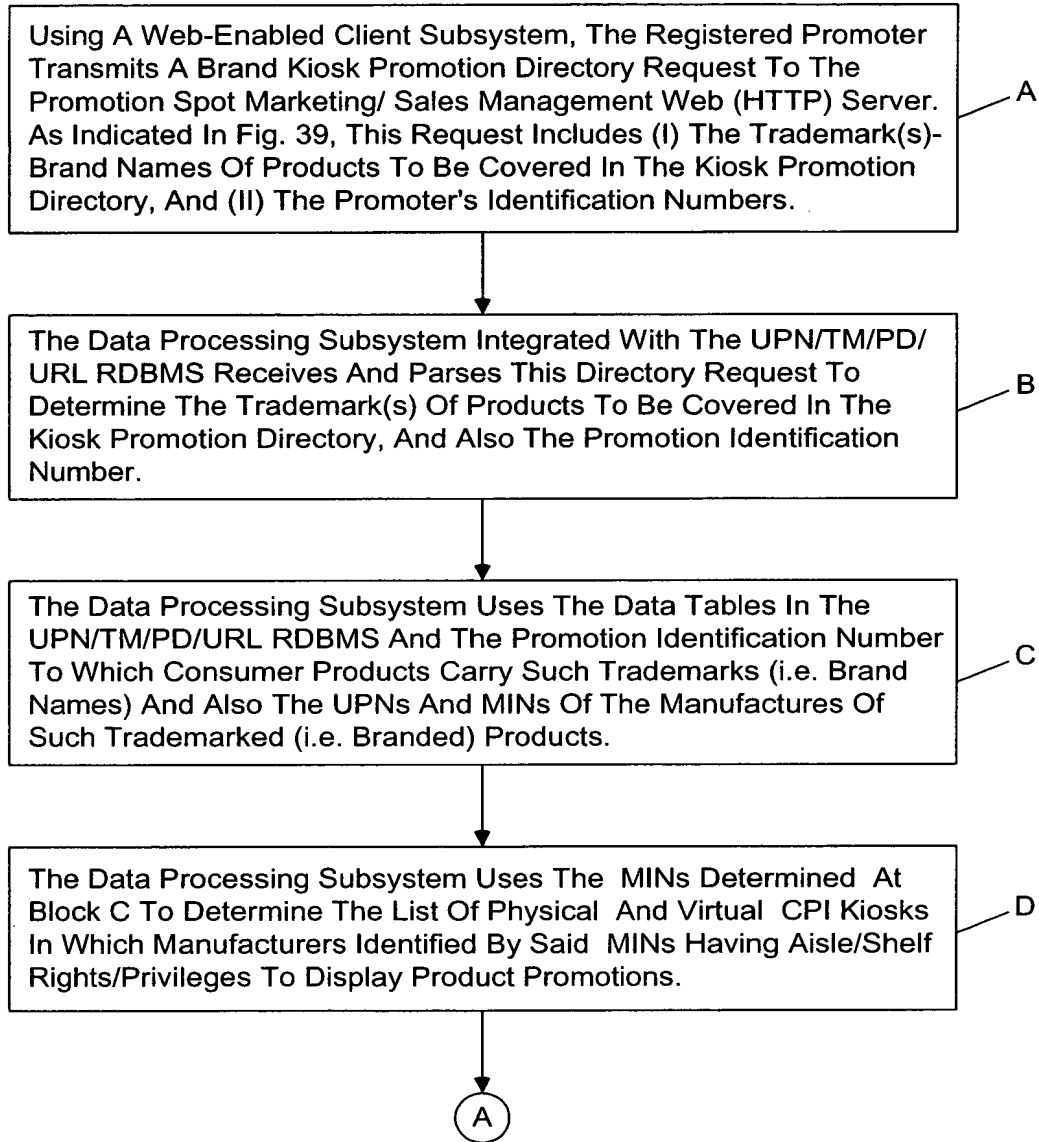


FIG. 40A

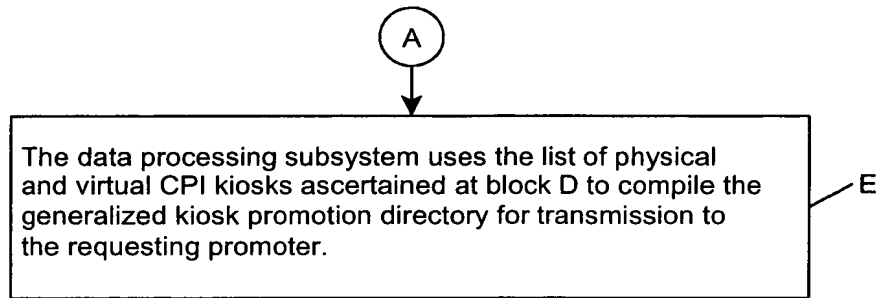


FIG. 40B

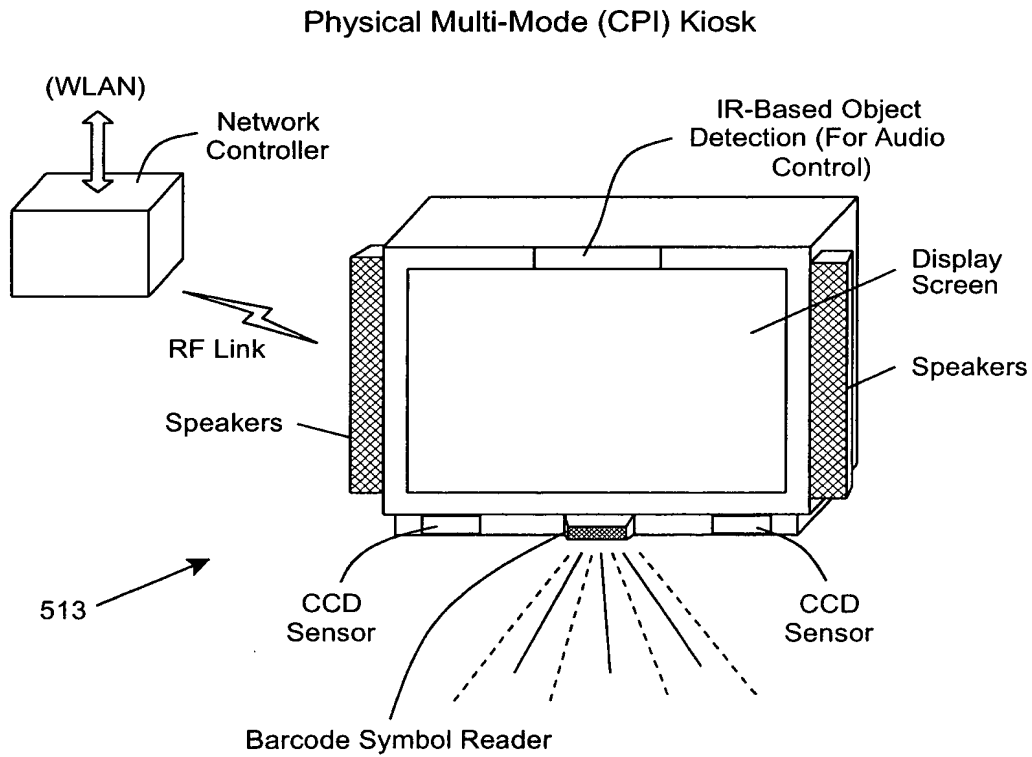


FIG. 41

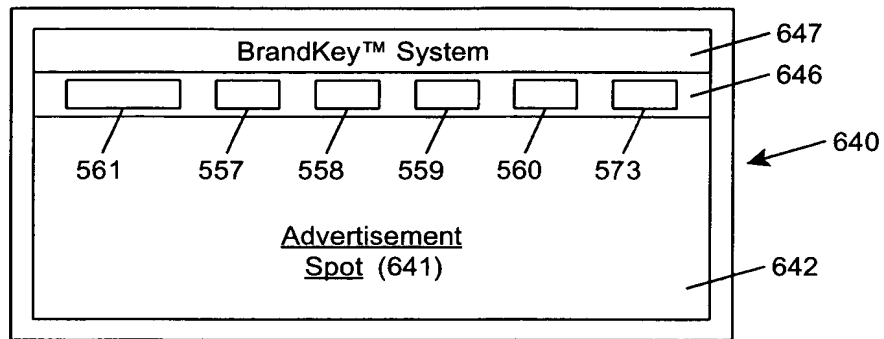


FIG. 42A

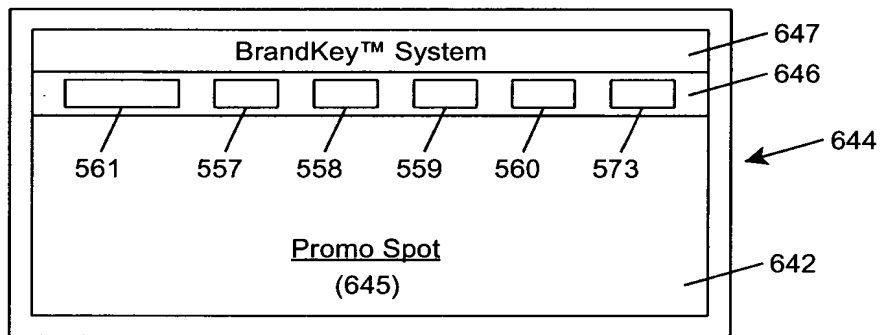


FIG. 42B

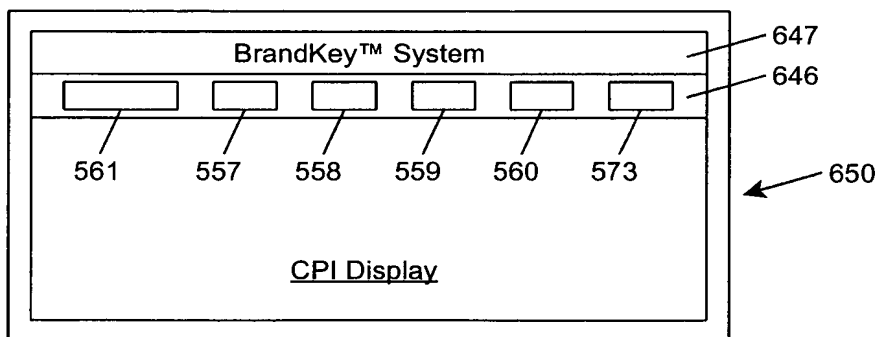
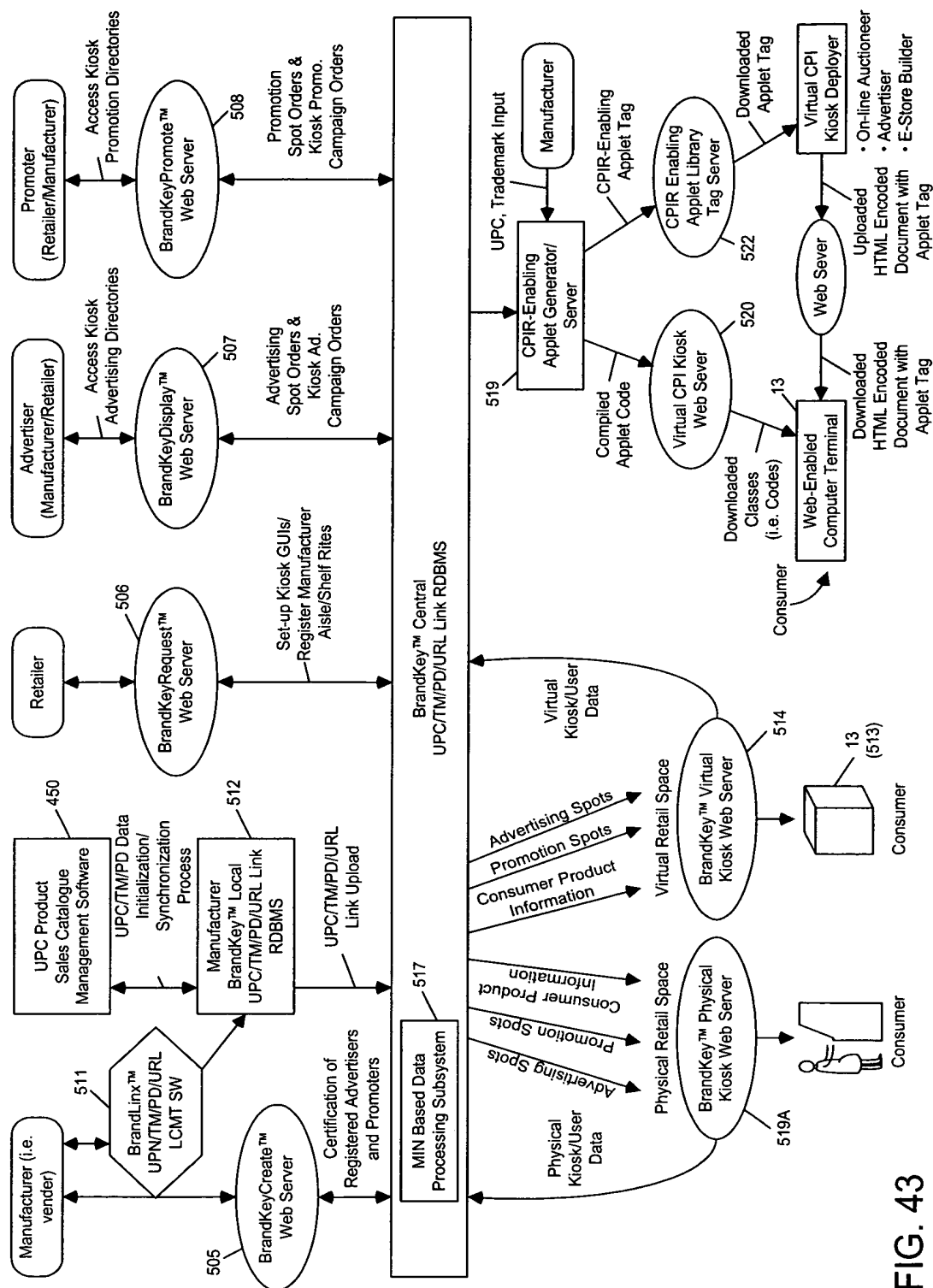


FIG. 42C

BrandKey Create™, BrandKey Display™, BrandKey Promote™, BrandKey Request™ Subsystems (501, 502, 503, 504)





Version 4.3

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FIG. 44A1

Brandkey
systems

FIG. 44A2

The Dilemma in Today's E-Commerce
Brand Marketing Communications Environment

FIG. 44A3

Every day, consumers search
for products and services that
will satisfy their needs and
desires.

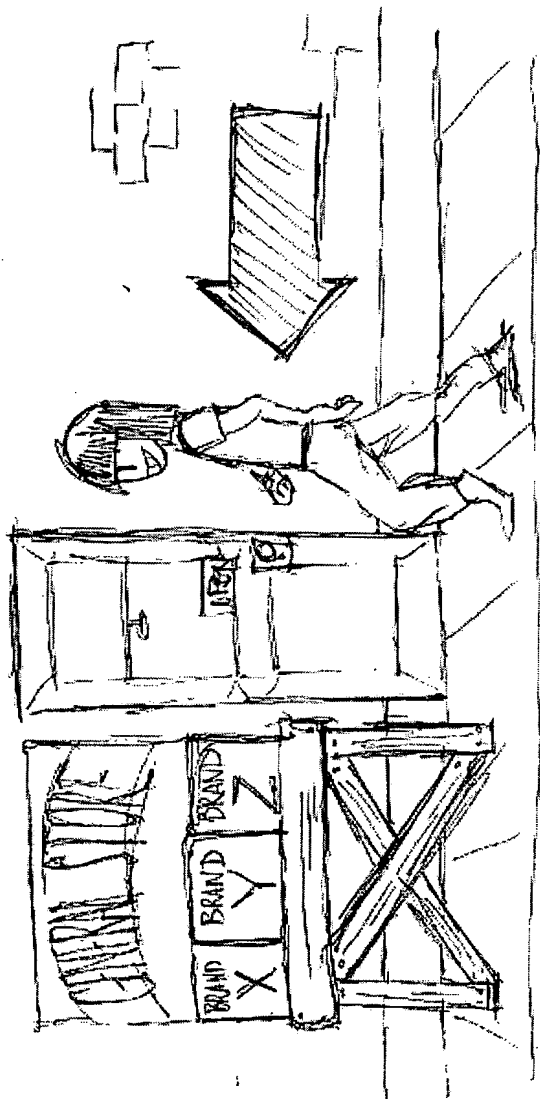


FIG. 44B1

During the search, they are confronted with decisions about which brand of a products or services they should purchase.

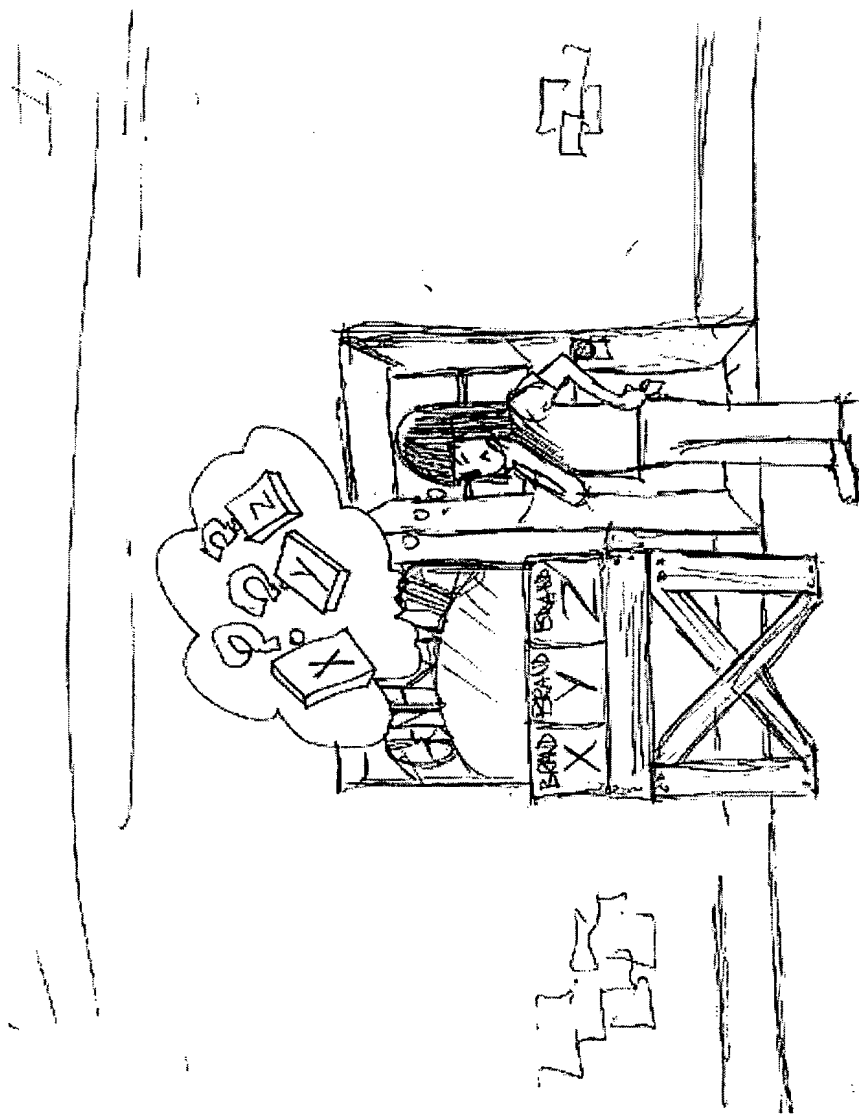
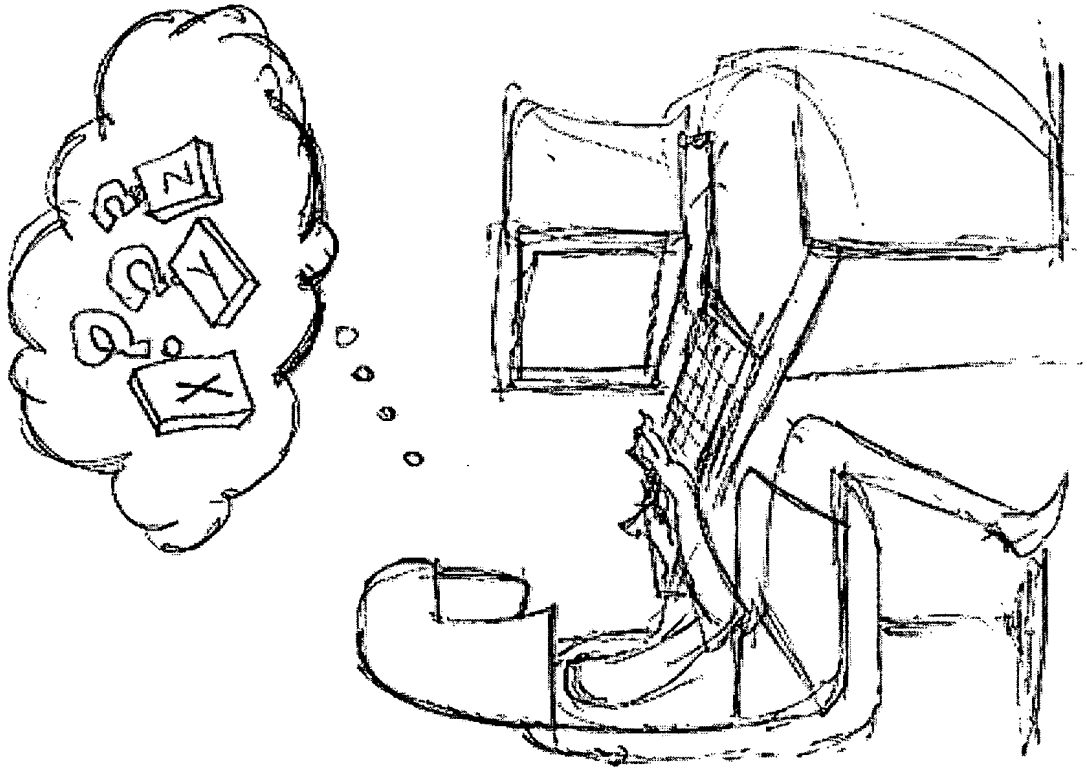


FIG. 44B2



Although shopping online eliminates the need for people to travel from store to store, the Internet hasn't made buying decisions any easier for the consumer.

If anything, it is harder for consumers who don't already know which brand they want to purchase.

One reason is that online, products are not physically available to consumers to experience

Thus creates an increased demand for brand-related information prior to purchase decisions.

FIG. 44C1

eCommerce sites typically bombard consumers with every possible brand of a product or service they can purchase.

(insert screen shot of eCommerce site crowded with brands)

But when consumers search for information that will help them sift through all of this information and decide which brand to buy, **useful brand building information is not available.**

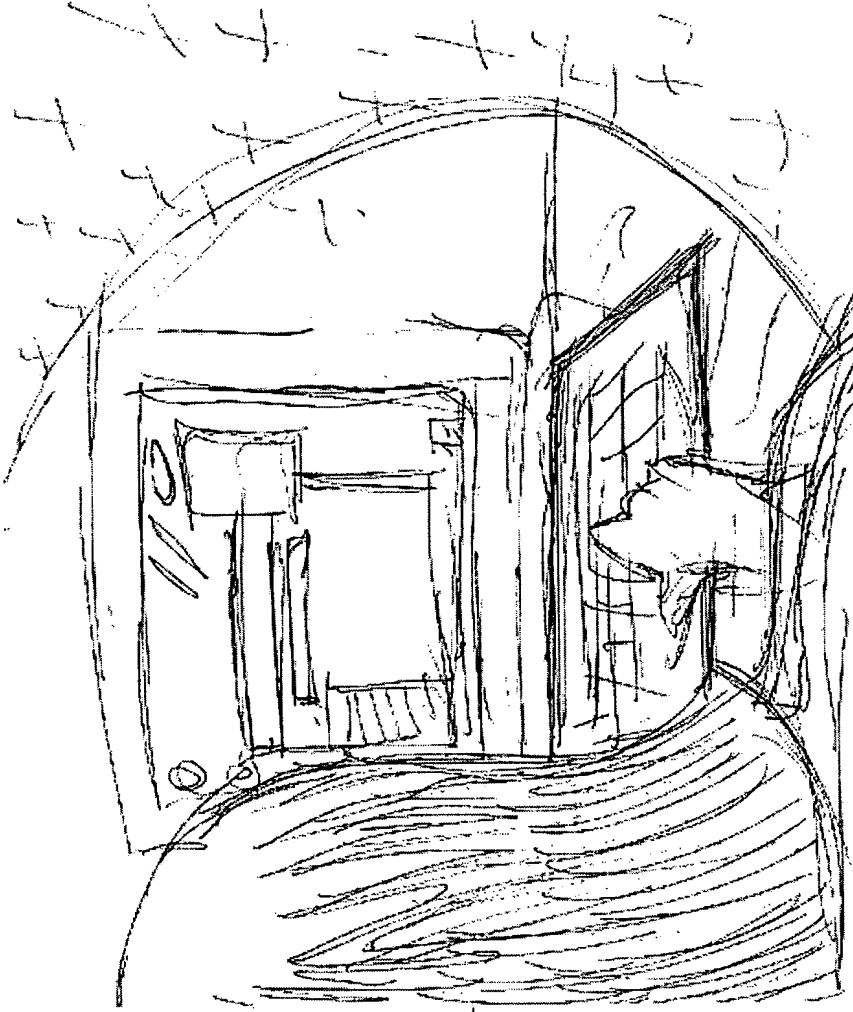


FIG. 44C2

Brand building information
intended to inform and entice the
consumer is often scattered
throughout the World Wide Web.

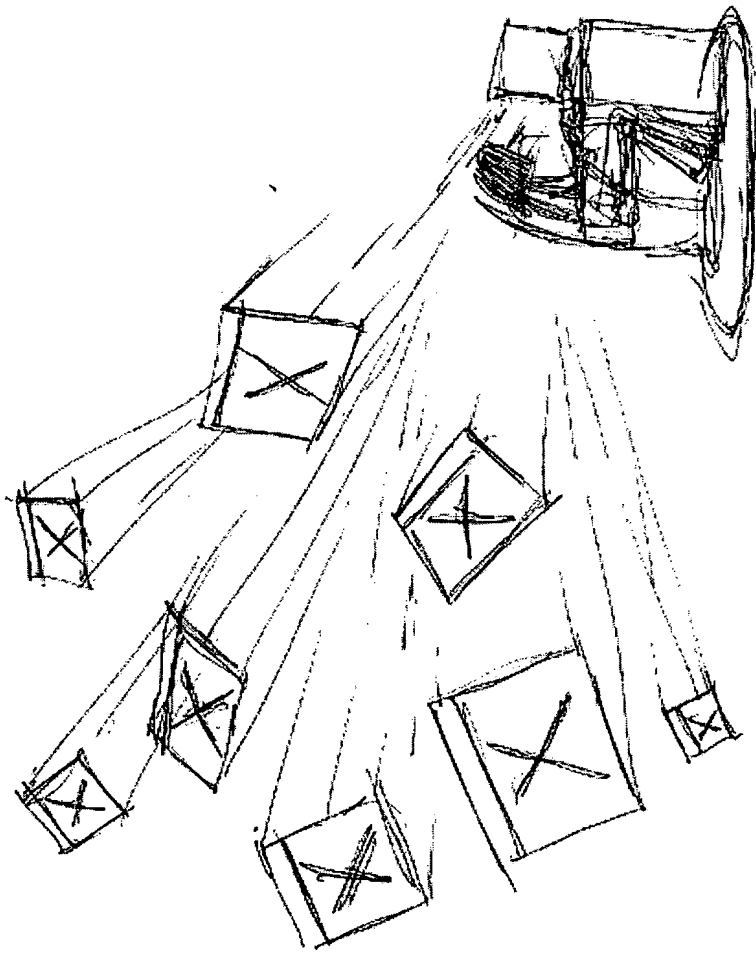
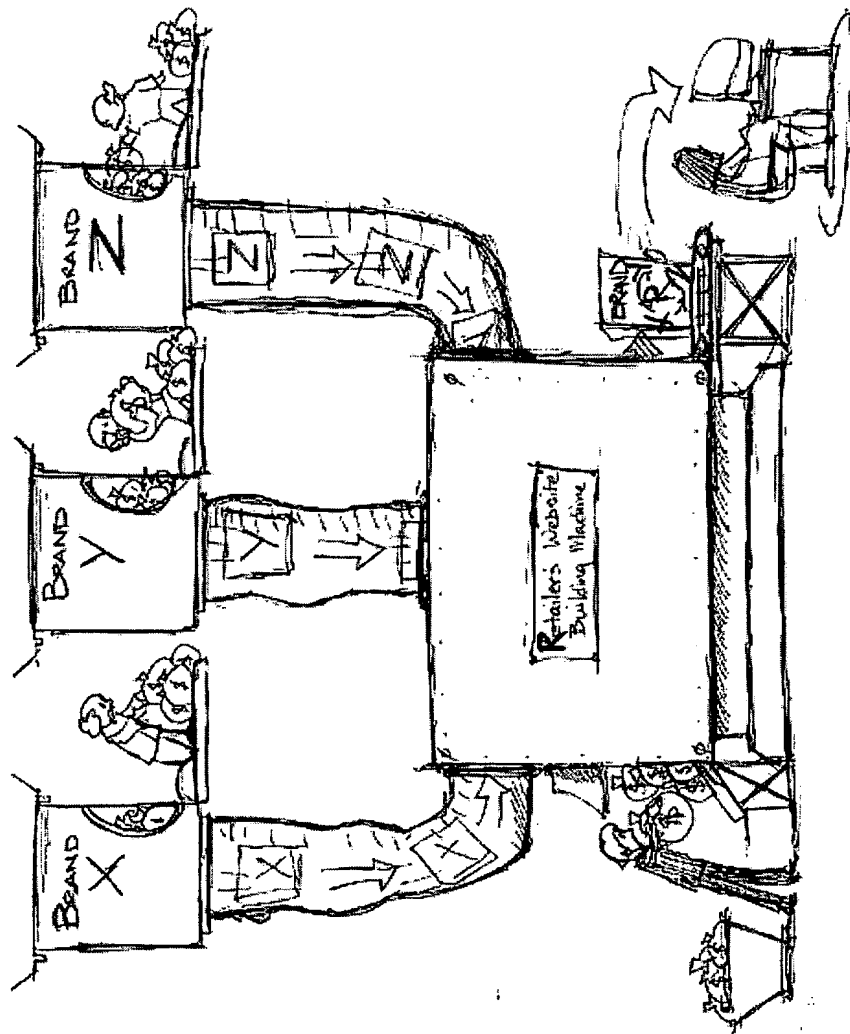


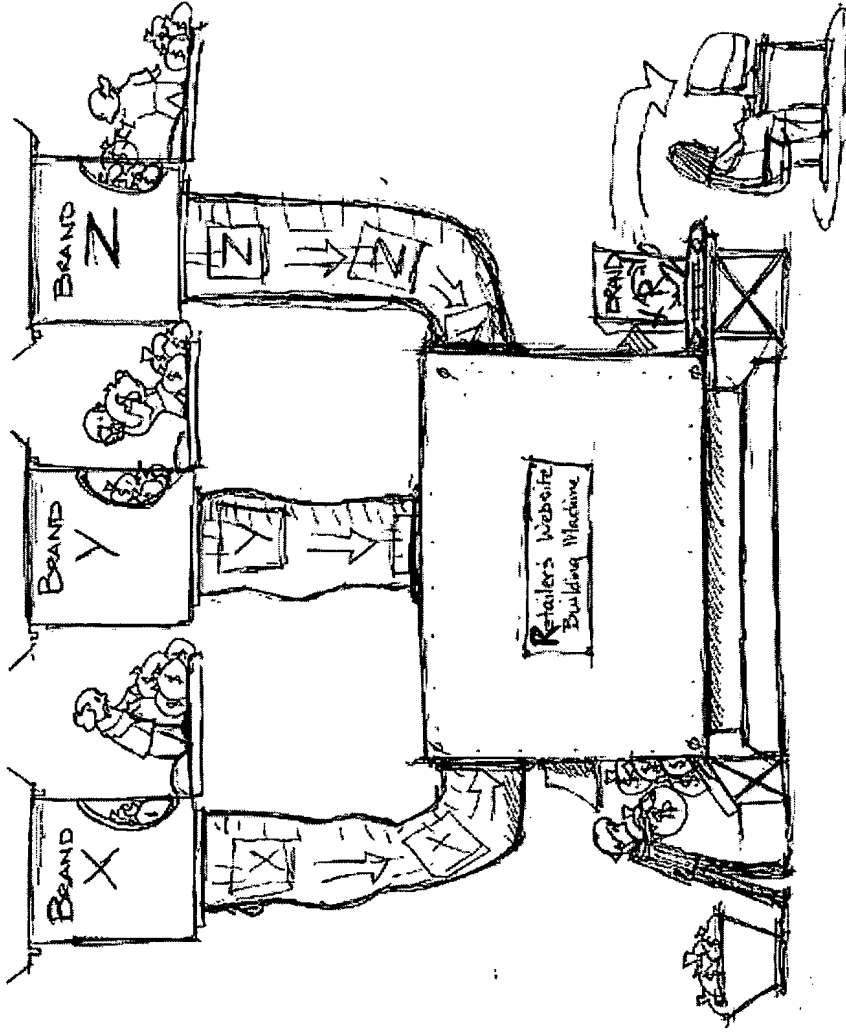
FIG. 44C3



Consumers typically shop for Brands through eCommerce sites rather than directly from the Vendor. These sites usually decide the arrangement and placement of brand information a consumer will encounter on the site.

At best, the consumer gets only product features -- a one-dimensional view of the brand that does little to build an attachment in the mind of the consumer.

FIG. 44 D1



With so many brands being funneled through one site in this limited way, not only do brands begin to blur together in the consumer's mind, but the brands compete with the e-tailer's own brand image as well.

FIG. 44D2

When the consumer is trying to make a buying decision, **valuable brand building Information** is unavailable at strategic places such as the Checkout Process.

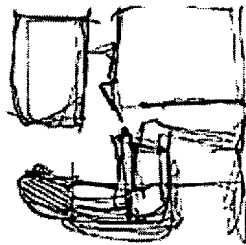
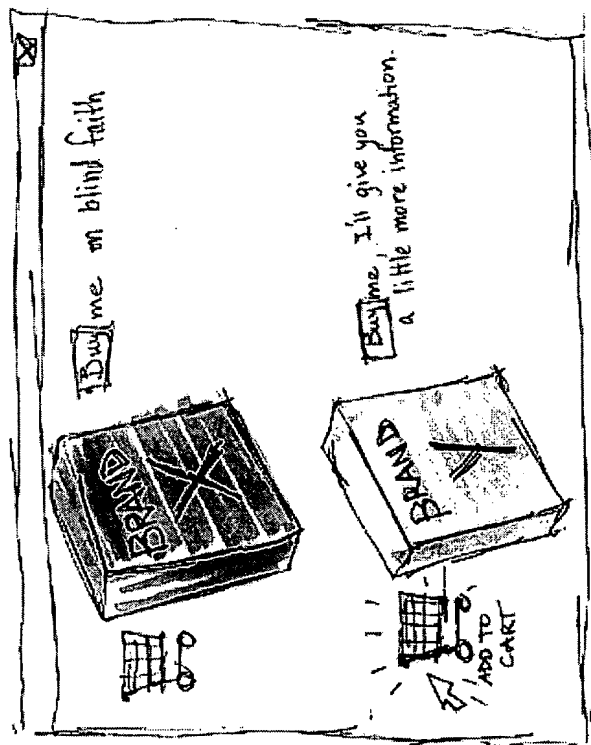


FIG. 44D3

Too often, this lack of valuable brand building information leads to abandoned shopping carts while consumers wander the Internet search for the decision-making brand information.

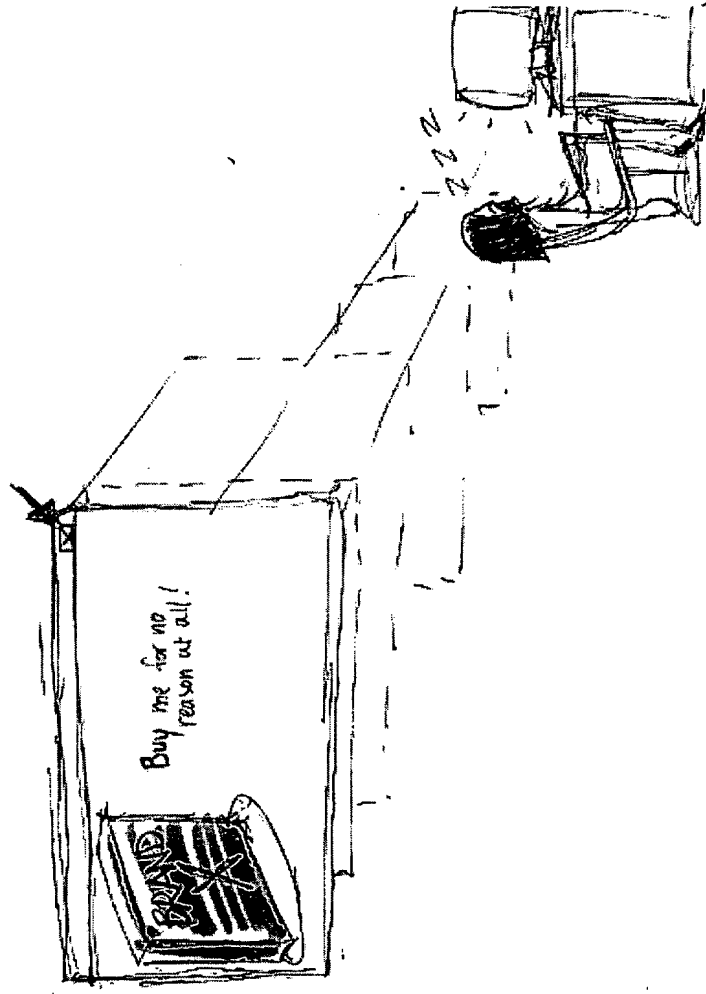


FIG. 44 D4

Consumers may even find a brand's own Website difficult to navigate when they need to quickly locate promotional and other desired **information**.

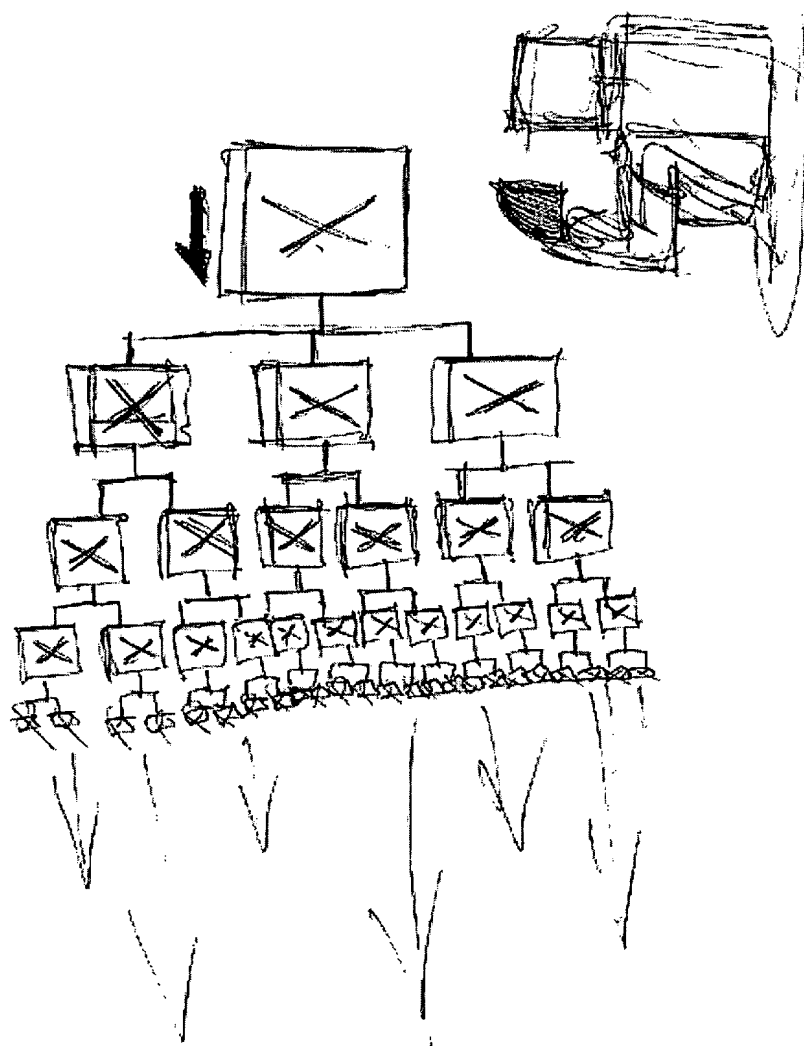


FIG. 44D5

The current methods which brand managers use to communicate **brand building information** on the Web are also not reaching the consumer.



FIG. 44 E1

Brand managers currently use banner and pop-up ads and promos. These rarely succeed in building accurate brand images in the minds of consumers . . .

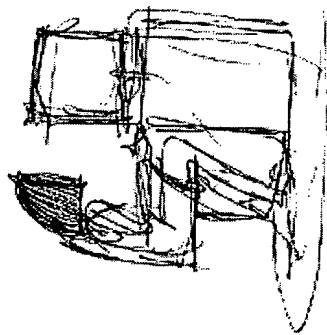
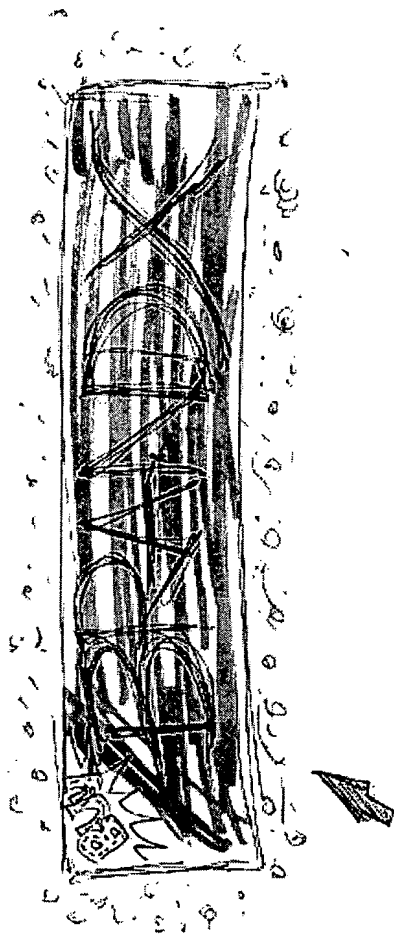
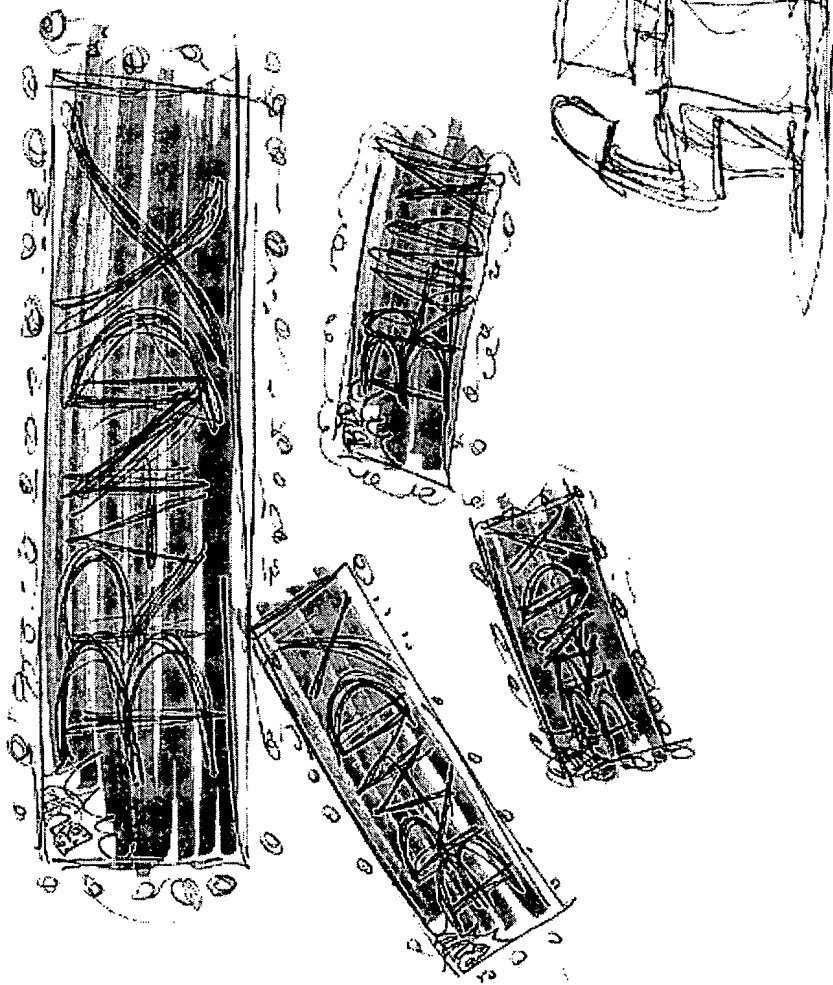
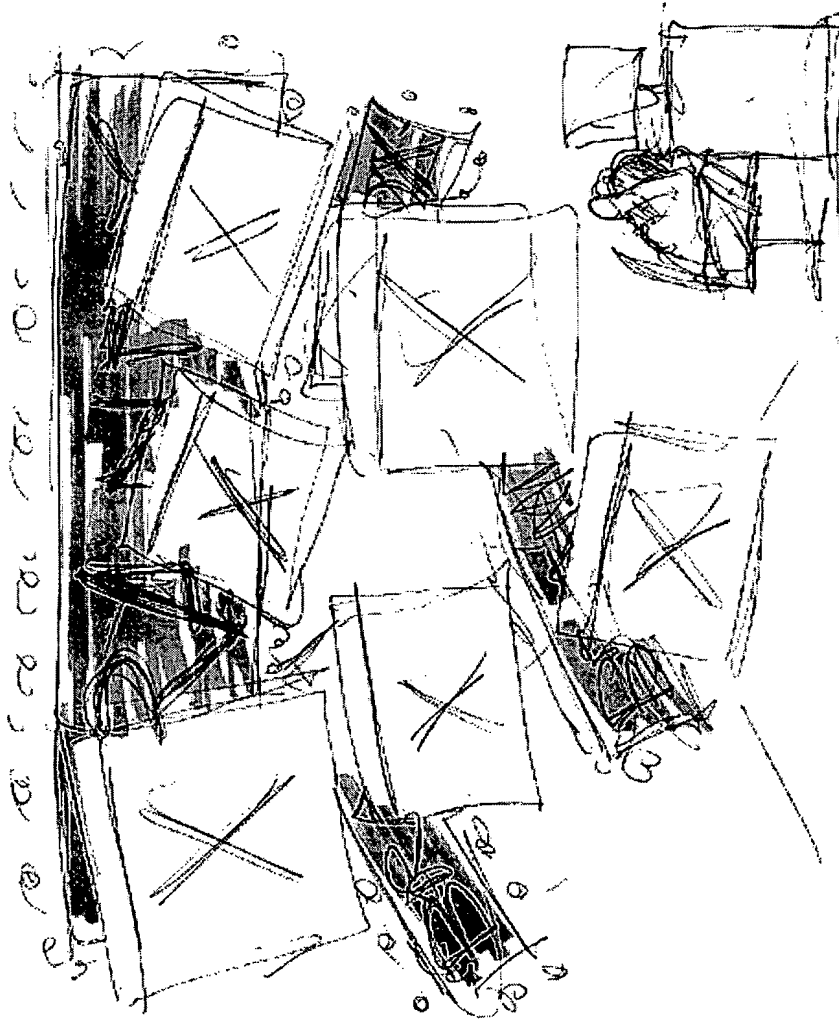


FIG. 44E2



Brand managers currently
favor banner and pop-up ads
and promos. These ads
rarely succeed in building
accurate brand images in
the minds of consumers, or
foster purchase intent ...

FIG. 44E3



...because they create a war-like atmosphere on the consumer's desktop with Brand Managers and Advertising and Promotional Agents all battling for the consumer's attention and valuable screen space.

FIG. 44E4

The battle has intensified recently after ads and promos began using technology that makes it harder for consumer to turn them off.

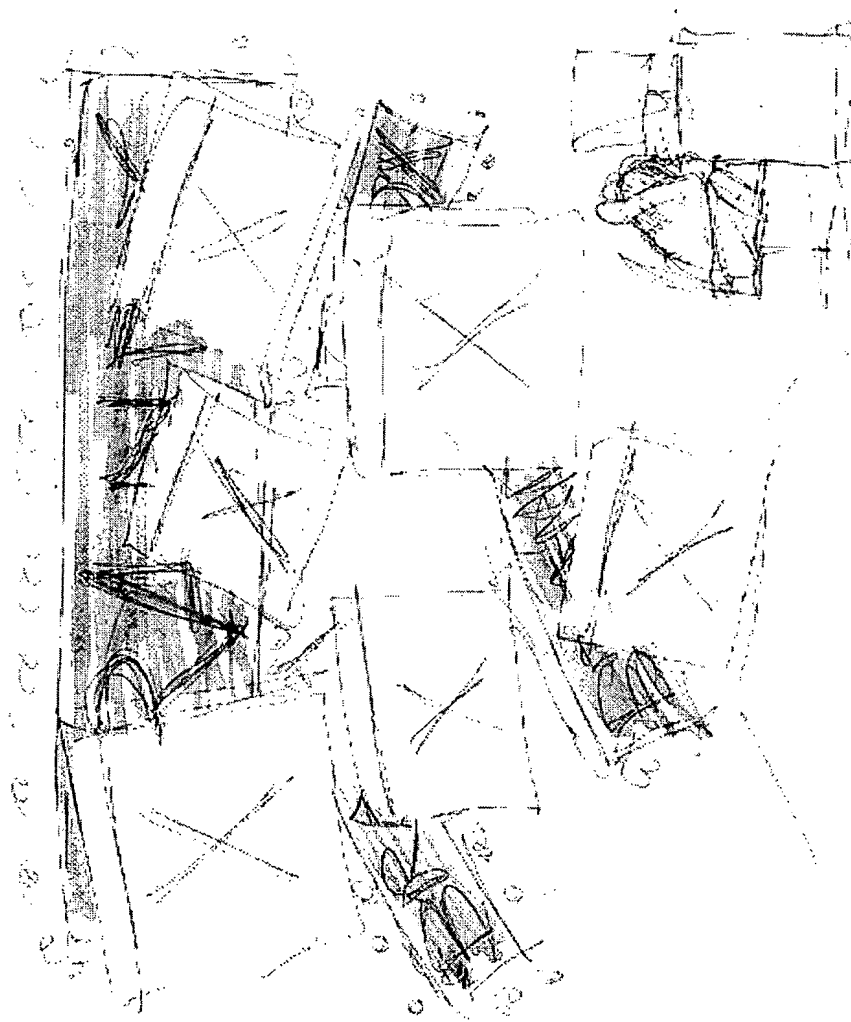


FIG. 44E5

These online ads and promos
have alienated consumers
from the brands they
represent, and from the entire
Internet experience.

(Stats/ study referenced here)

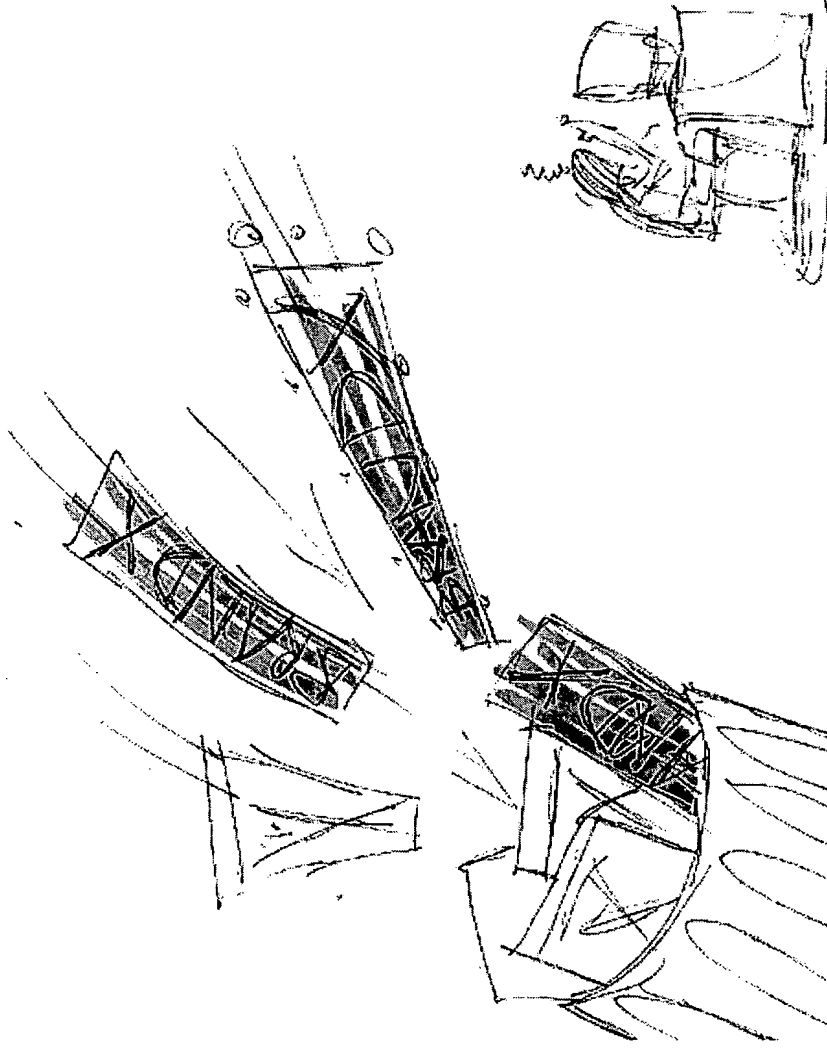


FIG. 44E6

Ultimately, consumers fail to form the brand image intended by the brand management team.

Sometimes, consumers may even form radically different impressions of the brand in their minds.

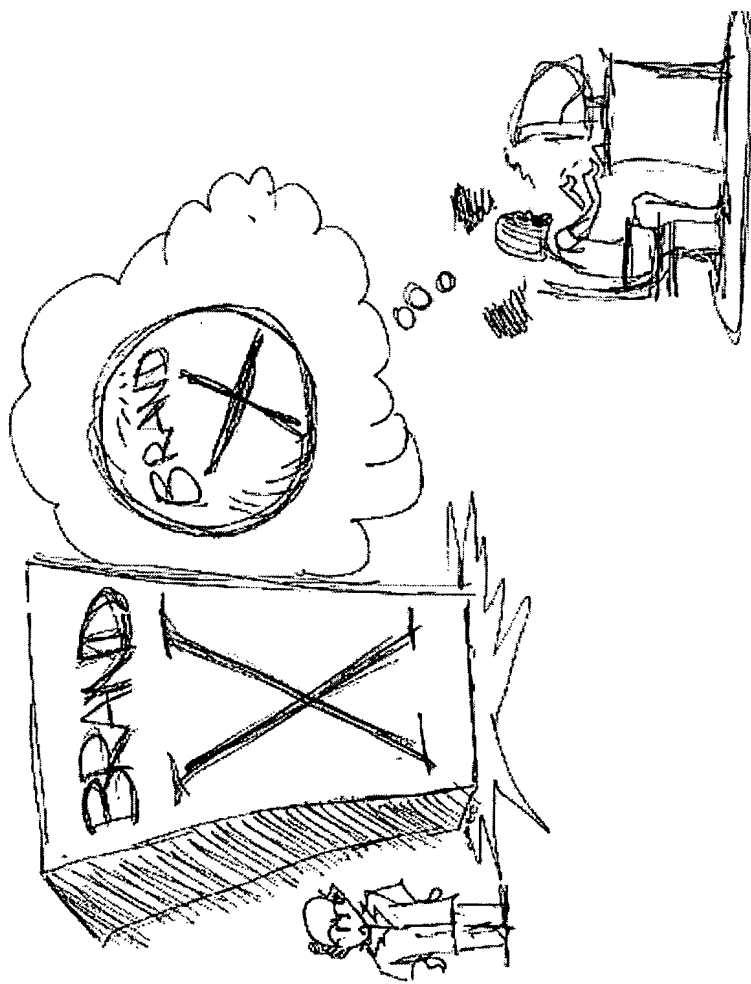


FIG. 44E7

And when a brand's image deteriorates in the mind of the consumer, it can lead to reduced levels of customer patronage and retention and have consequences throughout the supply chain.

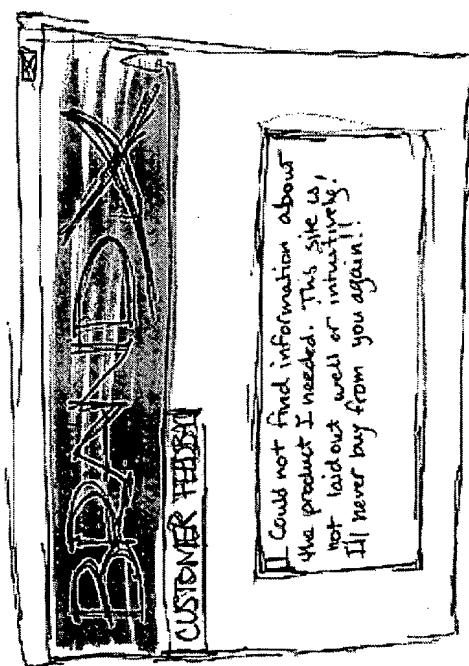


FIG. 44F1

Premium prices
cannot be charged
for brands that do
not create strong
consumer value.

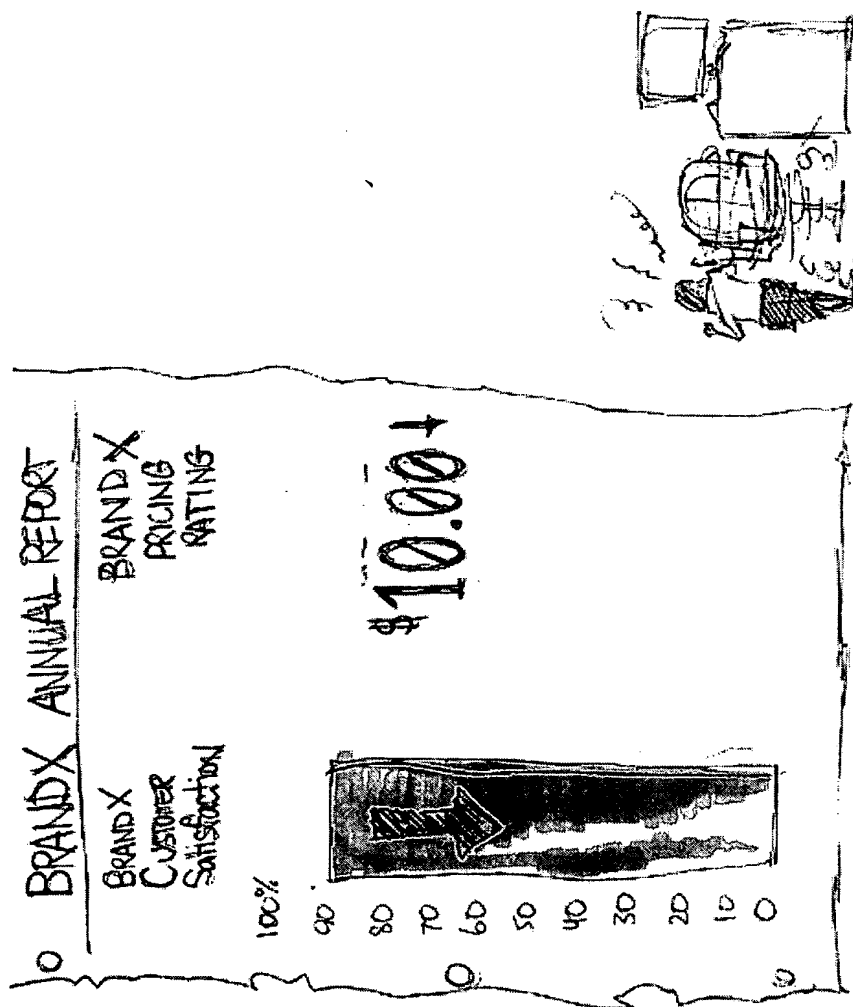
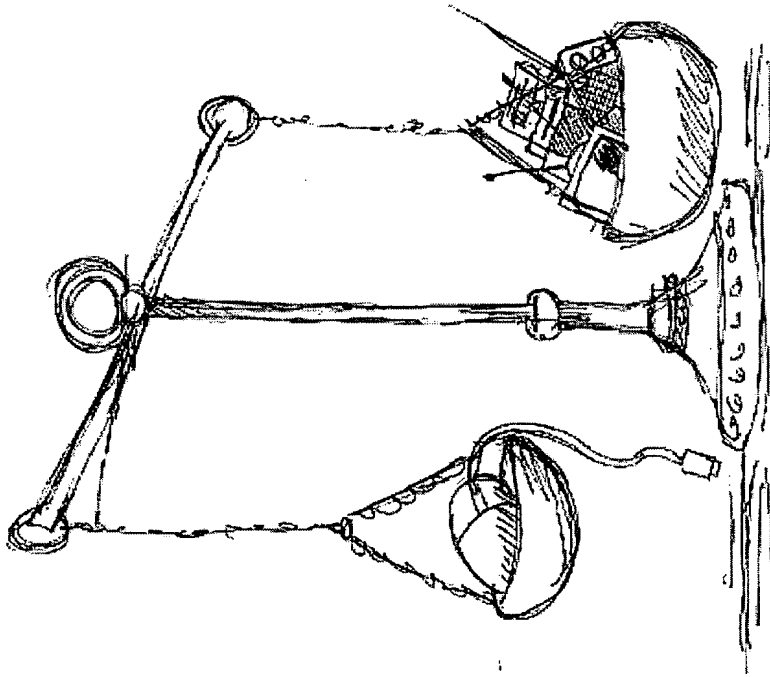


FIG. 44F2

Distribution and trading partners are less likely to promote brands which have weakened in the marketplace.



FIG. 44F3



The burden of brand marketing communications remains with traditional media tools such as television, radio, and print...

... and brand managers do not leverage the tremendous potential of the Internet to interact with consumers and build their brands and thus their businesses.

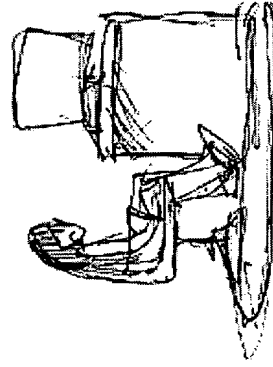


FIG. 44 F4

Despite so many frustrating
and annoying online
shopping experiences,
consumers still want to shop
online. (stat/study reference)

But they want changes in the e-
commerce marketplace.

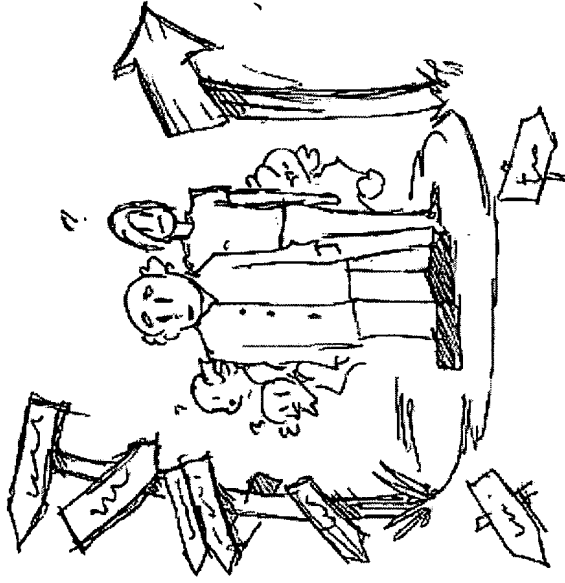


FIG. 44 G1

If brand managers hope to attract new customers and build stronger brands online, they need to communicate differently with consumers online, and lead the industry in a new direction.

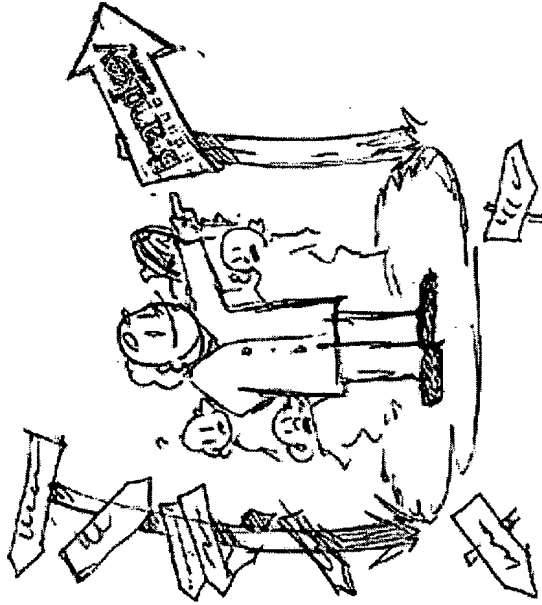


FIG. 44G2

Brand managers need a new,
far more efficient and effective
way of delivering their brand
building information to the
consumer.

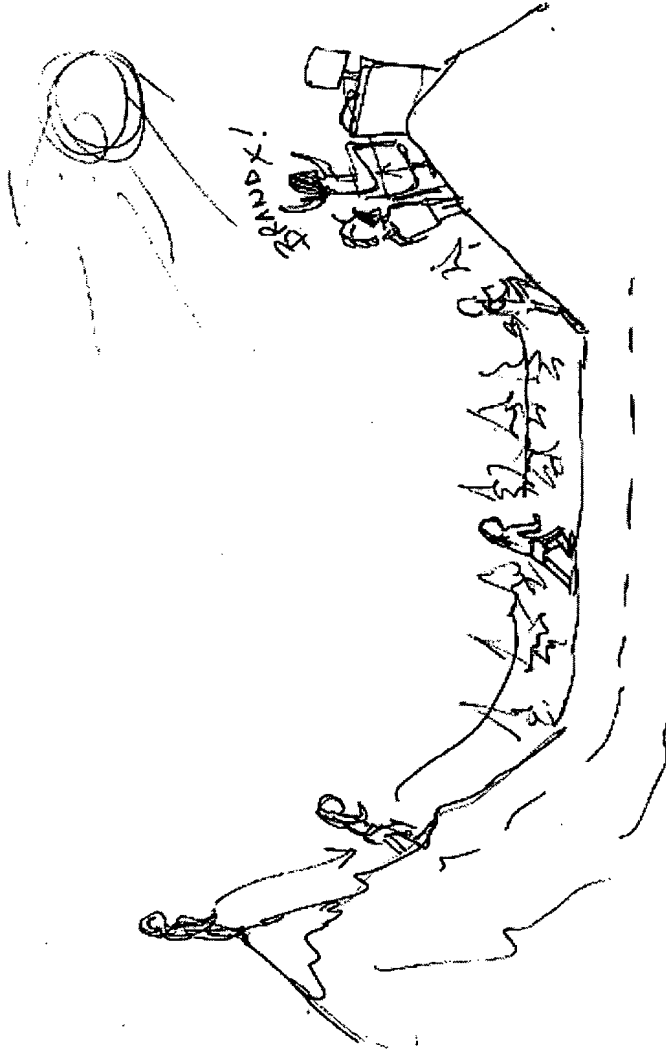
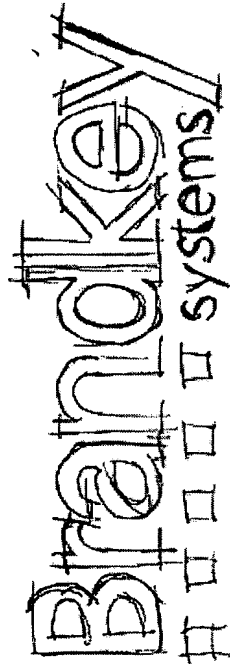


FIG. 44G3

The Brandkey™ Solution

FIG. 44H1



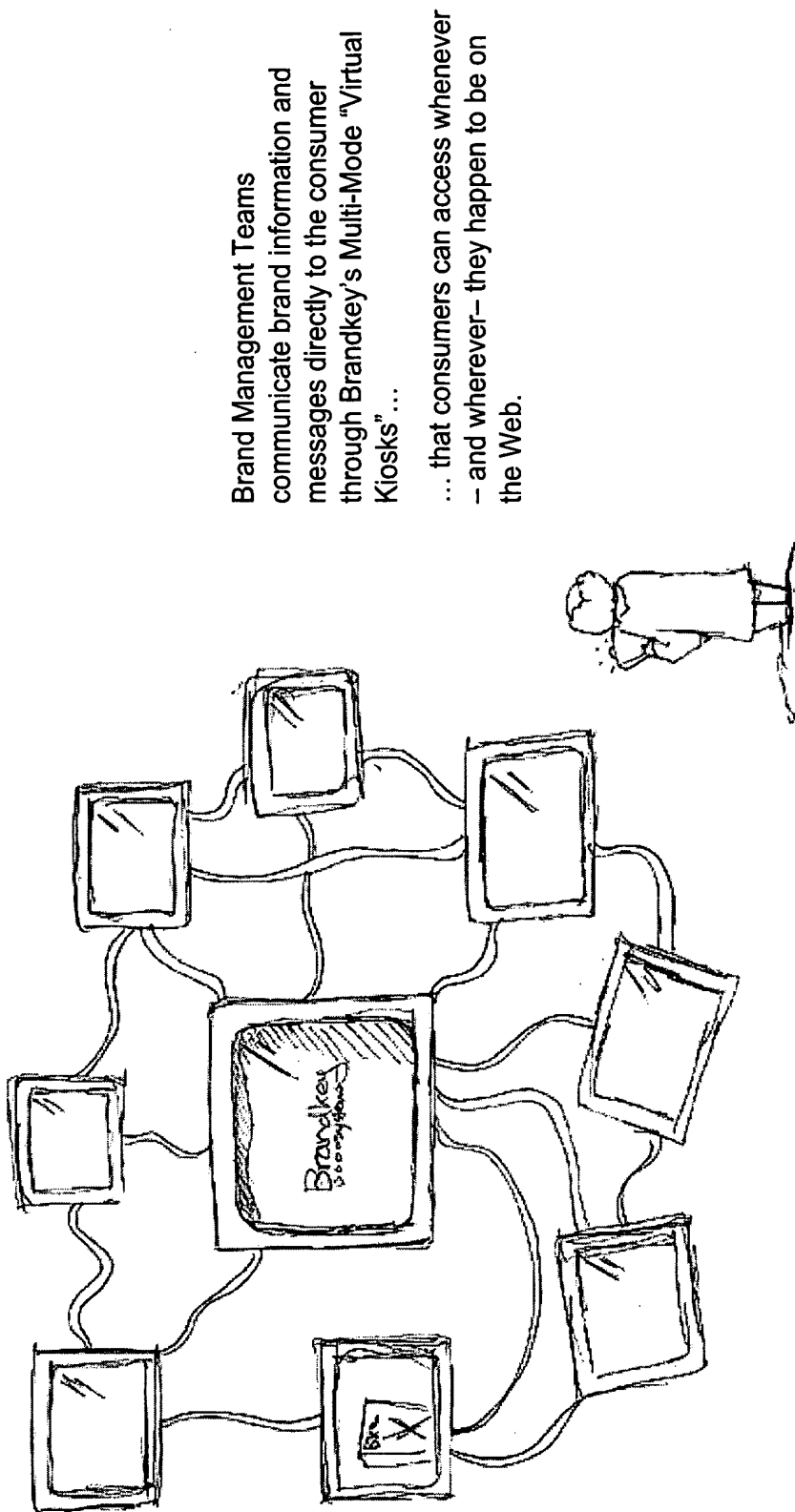
**Brandkey Systems™ has
developed a revolutionary
Internet-based Network which
solves the online communication
problems experienced by brand
marketing leaders.**

FIG. 44H2



Brandkey Systems™ has developed a revolutionary Internet-based network which solves the online communication problems experienced by brand marketing leaders.

FIG. 44 H3



Brand Management Teams
communicate brand information and
messages directly to the consumer
through Brandkey's Multi-Mode "Virtual
Kiosks" ...

... that consumers can access whenever
- and wherever- they happen to be on
the Web.

FIG. 44I1

Brandkey Systems™
Multi-Mode Virtual Kiosks
allow brand managers to
quickly communicate a
multi-dimensional
picture of a brand to the
consumer through three
programmable display
modes:

- (1) Advertising Display
Mode
- (2) Promotional Display
Mode
- (3) Brand information
Network Display Mode

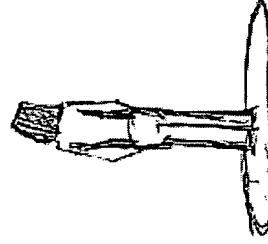
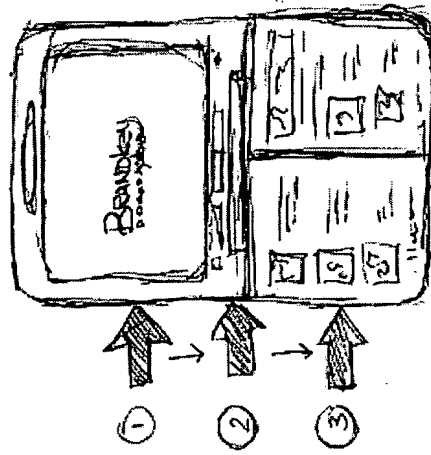
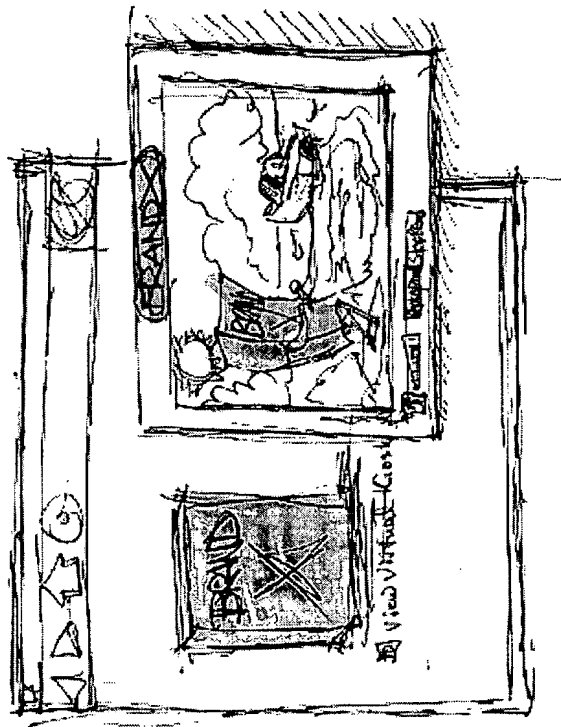


FIG. 44IZ



During the Advertisement Display Mode, the Virtual Kiosk displays advertising spots programmed by the brand management team or their agents to **build brand awareness**.

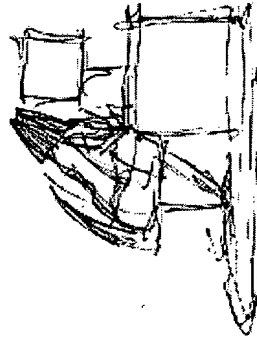
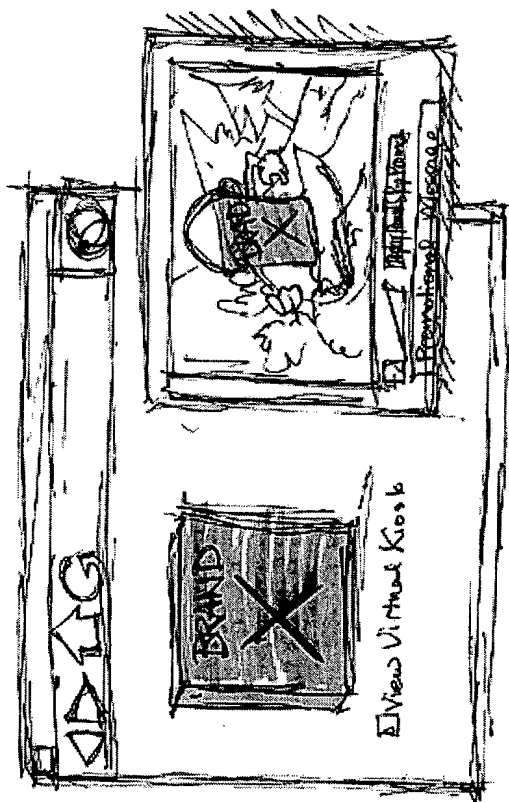


FIG. 44 I 3



In the Promotional Display Mode, the Virtual Kiosk displays promo spots programmed by Brand Management Team and their agents to foster consumer purchase intent.



FIG. 44I4

In the final Brand Information Network Display Mode, the Virtual Kiosk displays a menu of brand-building information resource links which is designed to **develop rich message associations** that build the consumer's image of the brand that is consistent with brand marketing objectives

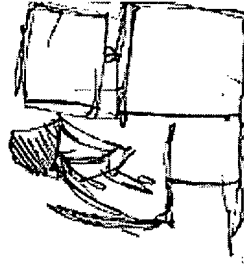
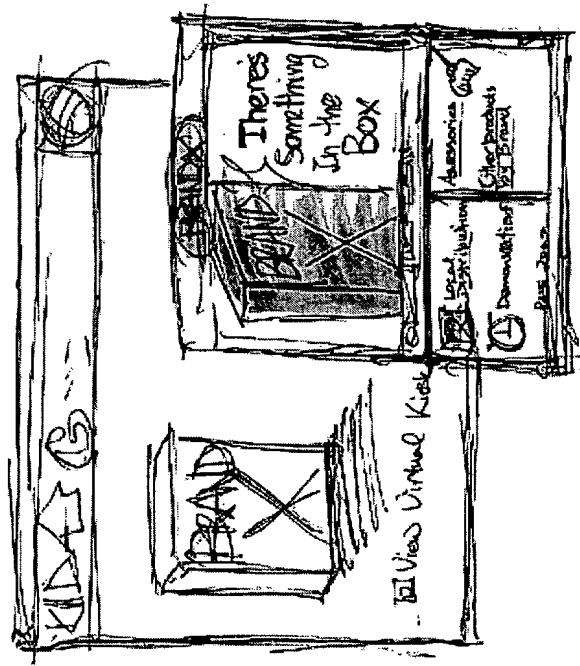


FIG 44I5

Consumers can access Brandkey
Systems Multi-Mode Virtual
Kiosks through:

- 1) **Desktop Computers**
- 2) WiFi-enabled Portable
Devices
- 3) Physical Retail Kiosks
- 4) ATMs
- 5) Interactive Television Sets
- 6) PDAs and Cell Phones

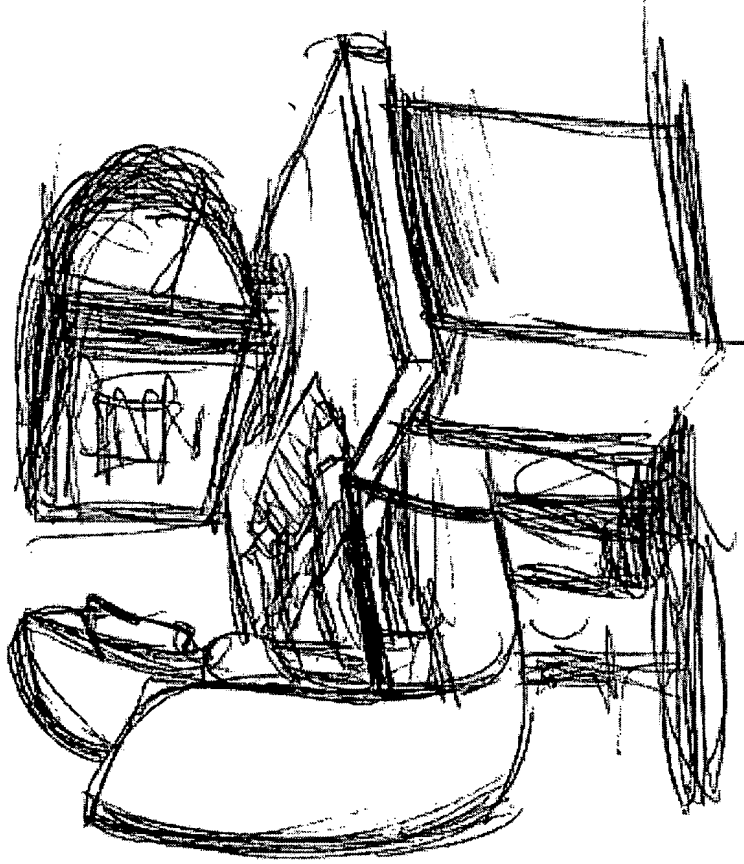


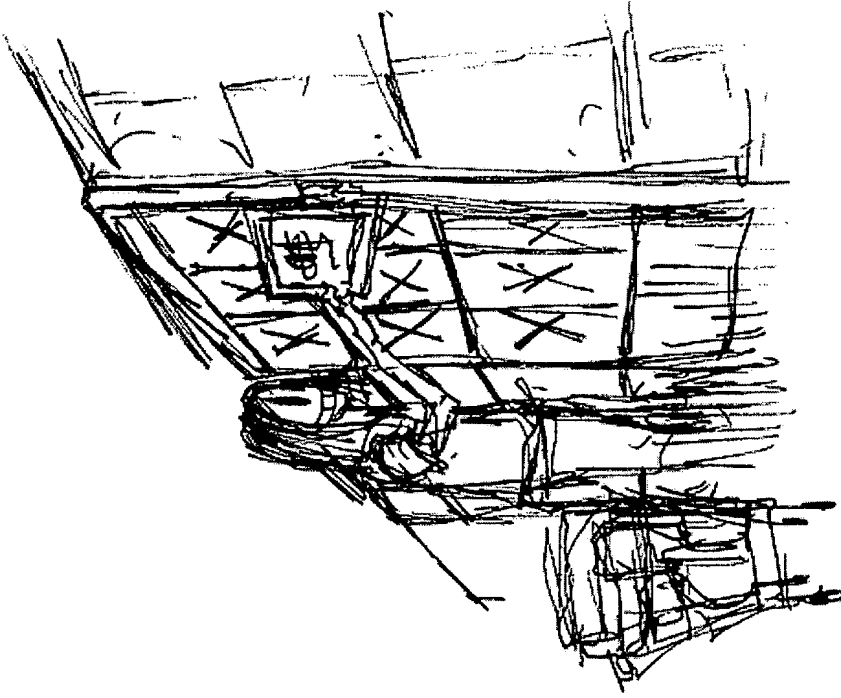
FIG. 44J1



Consumers can access Brandkey
Systems Multi-Mode Virtual
Kiosks through:

- 1) Desktop Computers
- 2) **WiFi-enabled Portable
Devices**
- 3) Physical Retail Kiosks
- 4) ATMs
- 5) Interactive Television Sets
- 6) PDAs and Cell Phones

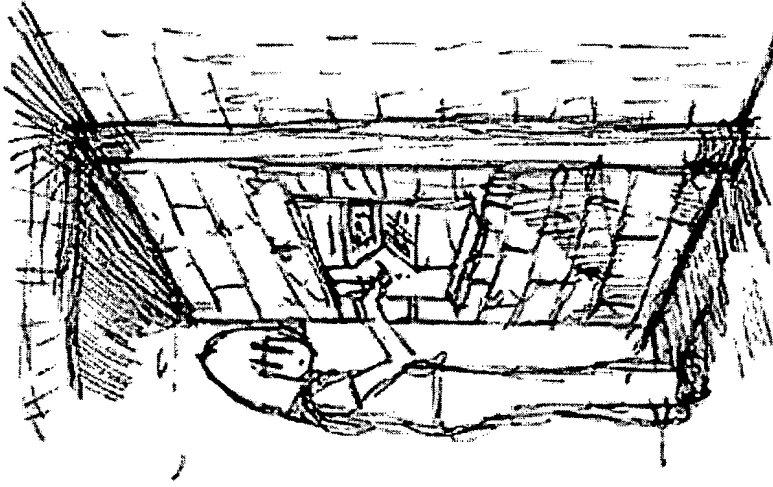
FIG. 44J2



Consumers can access Brandkey
Systems Multi-Mode Virtual
Kiosks through:

- 1) Desktop Computers
- 2) WiFi-enabled Portable
Devices
- 3) **A retail store's physical
kiosks**
- 4) ATMs
- 5) Interactive Television Sets
- 6) PDAs and Cell Phones

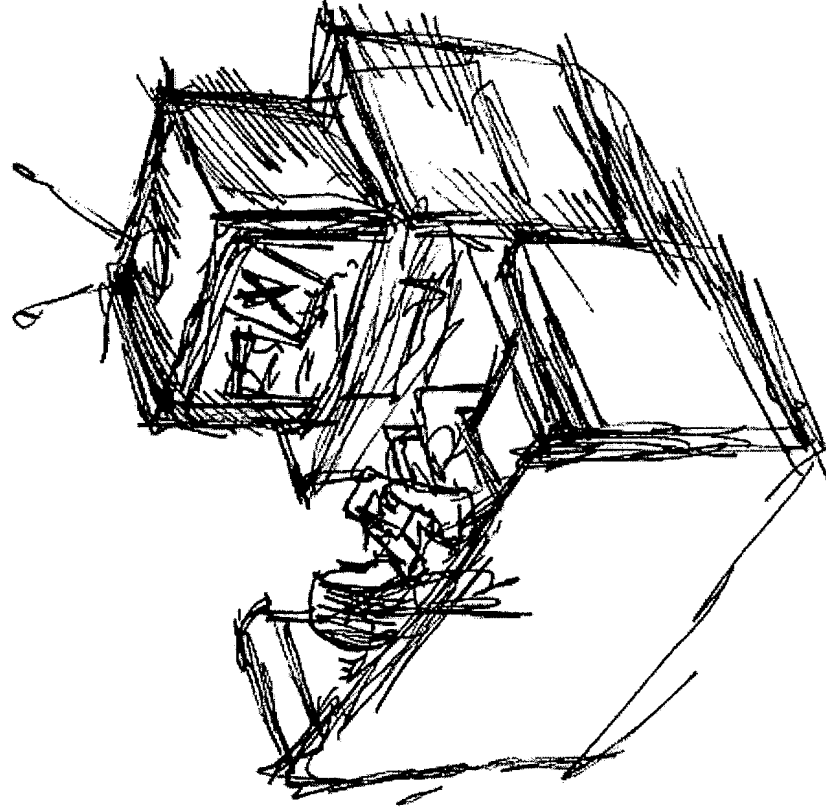
FIG. 44J3



Consumers can access Brandkey
Systems Multi-Mode Virtual
Kiosks through:

- 1) Desktop Computers
- 2) WiFi-enabled Portable
Devices
- 3) Physical Retail Kiosks
- 4) **ATMs**
- 5) Interactive Television Sets
- 6) PDAs and Cell Phones

FIG. 44J4



Consumers can access Brandkey Systems
Multi-Mode Virtual Kiosks through :

- 1) Desktop Computers
- 2) WiFi-enabled Portable Devices
- 3) Physical Retail Kiosks
- 4) ATMs
- 5) **Interactive Television Sets**
- 6) PDAs and Cell Phones

FIG. 44J5



Consumers can access Brandkey Systems

Multi-Mode Virtual Kiosks through:

- 1) Desktop Computers
- 2) WiFi-enabled Portable Devices
- 3) Physical Retail Kiosks
- 4) ATMs
- 5) Interactive Television Sets
- 6) **PDA's and Cell Phones**

FIG. 44J6

At each of these Consumer
Touchpoints, Brand
Management Teams have the
option of delivering their
Brands' Multi-Mode Virtual
Kiosks through a number of
different Launch
Environments....

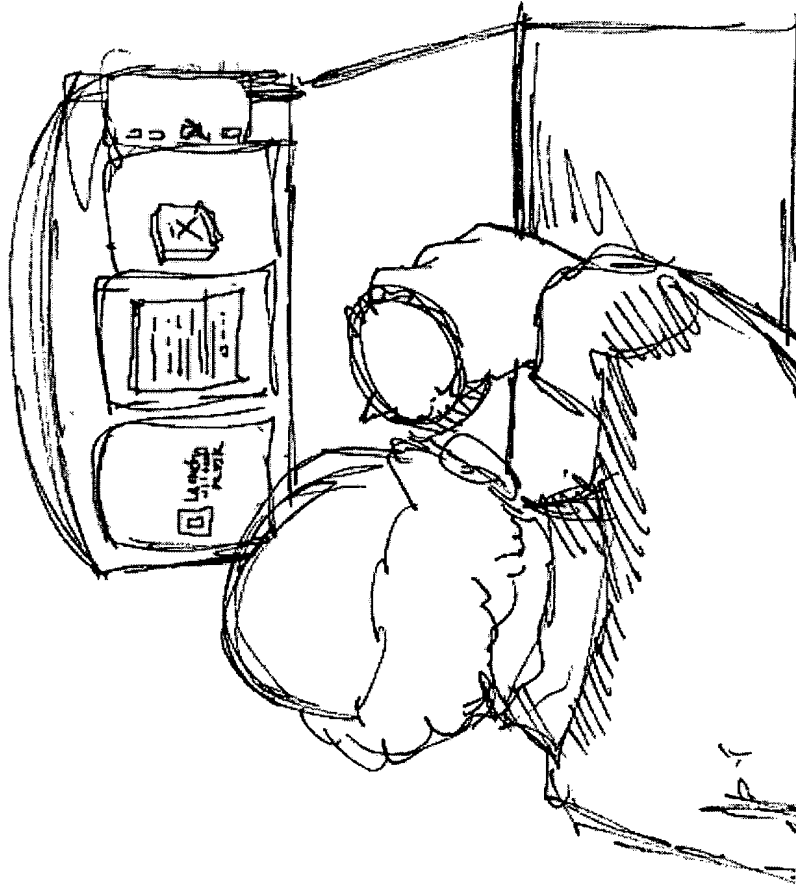
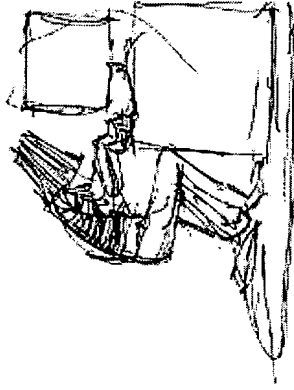
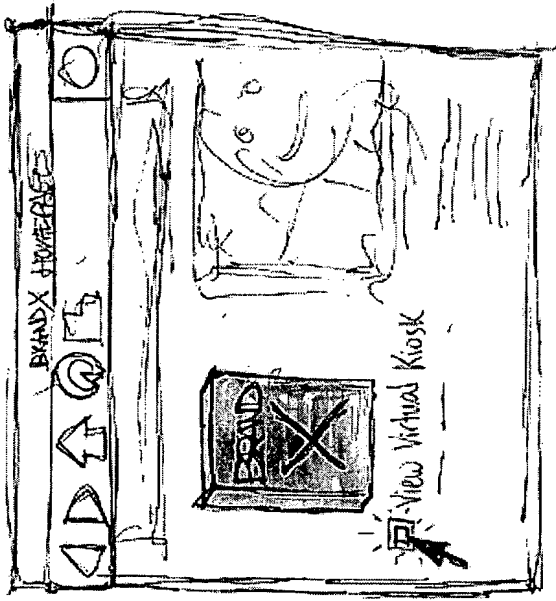


FIG. 44K

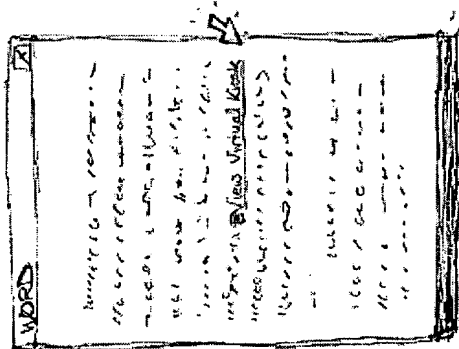


Such Launch Environments
include:

- 1) **Brandkey Systems™
Virtual Kiosk Launch
Buttons**
- 2) HTML-Encoded Documents
- 3) HTML-Encoded Images
- 4) HTML-Encoded Desktop
Icons

These allow Brand
Management Teams to
extend their brand's reach
to a wider range of access
points on the Web.

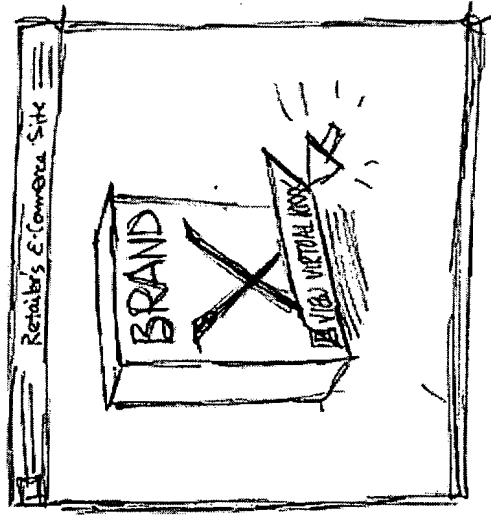
FIG. 44K2



- Such Launch Environments include:
- 1) Brandkey Systems™ Virtual Kiosk Launch Buttons
 - 2) **HTML-Encoded Documents**
 - 3) HTML-Encoded Images
 - 4) HTML-Encoded Desktop Icons
- These allow Brand Management Teams to reach a broad range of Consumer markets over the Internet.



FIG. 44K3



- Such Launch Environments include:
- 1) Brandkey Systems™ Virtual Kiosk Launch Buttons
 - 2) HTML-Encoded Documents
 - 3) **HTML-Encoded Images**
 - 4) HTML-Encoded Desktop Icons
- These allow Brand Management Teams to reach a broad range of Consumer markets over the Internet.

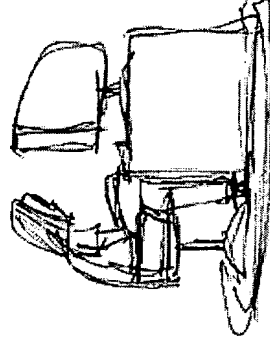
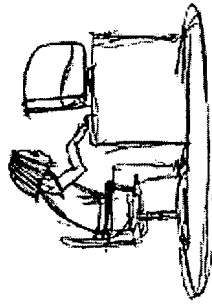
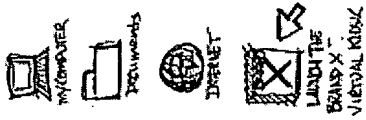


FIG. 44K4



Such Launch Environments
include:

- 1) Brandkey Systems™ Virtual
Kiosk Launch Buttons
- 2) HTML-Encoded Documents
- 3) HTML-Encoded Images
- 4) **HTML-Encoded Desktop
Icons**

These allow Brand
Management Teams to
reach a broad range of
Consumer markets over the
Internet.

FIG. 44K5

**The Brandkey
Systems Network
enables brand
management teams of
any size and
arrangement to rise
above the clutter in the
Internet marketplace....**

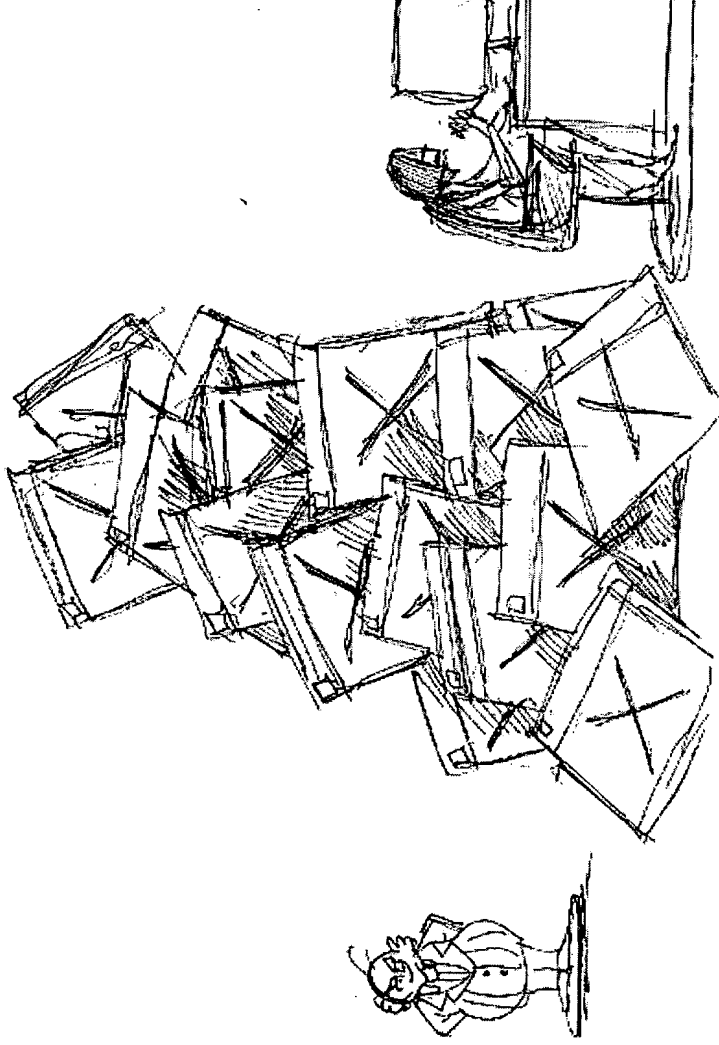


FIG. 44L1

The Brandkey Systems
Network enables brand
management teams of
any size and
arrangement to rise
above the clutter in
the Internet
marketplace....

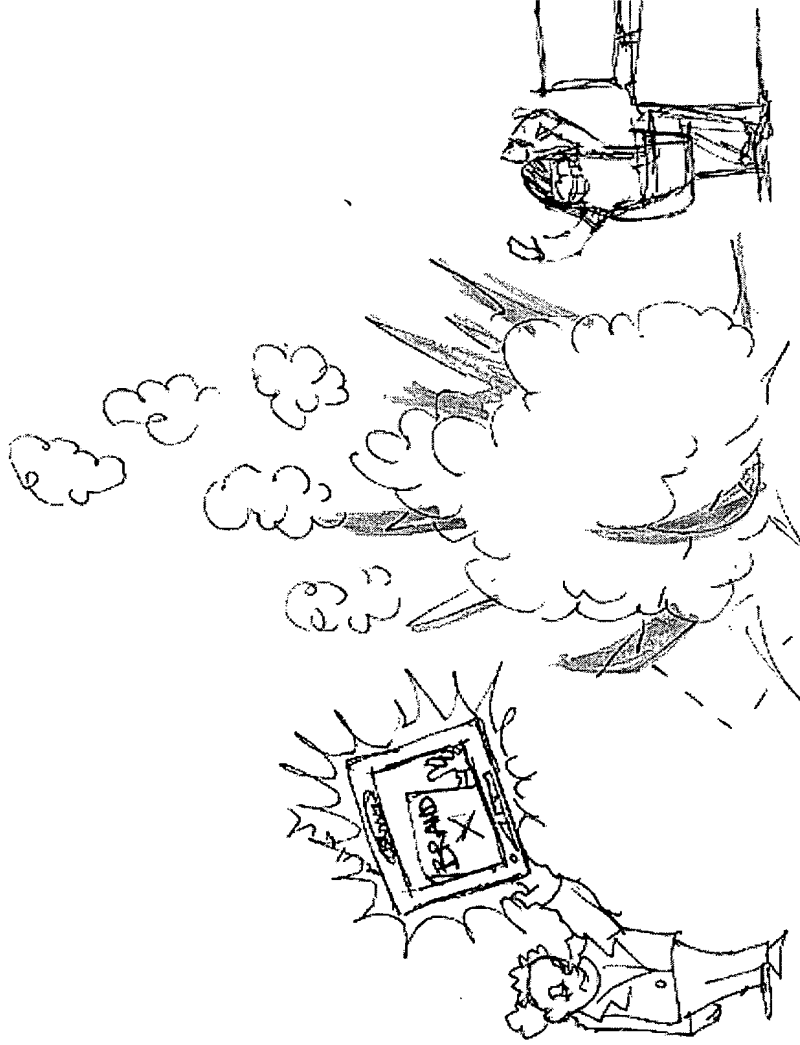


FIG. 4422

...and communicate the
essence and character of their
brands directly to the consumer.

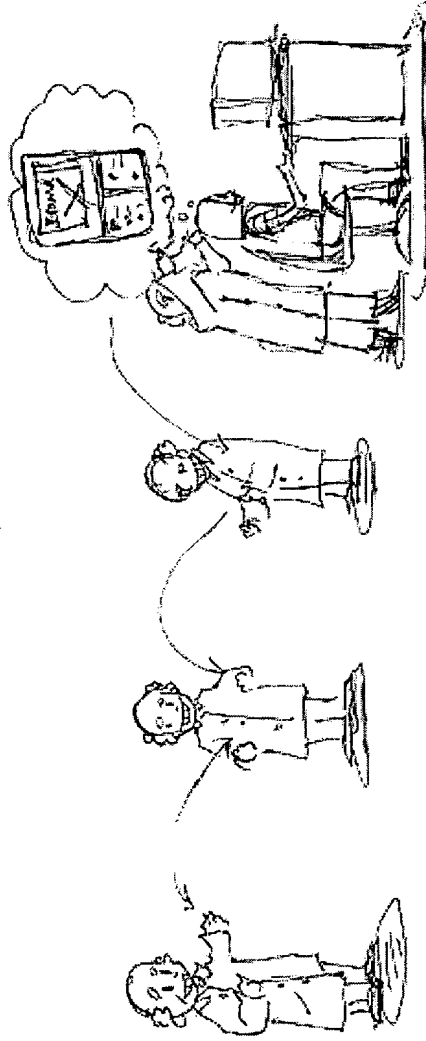


FIG. 4443

In seconds, consumers can
obtain a multi-dimensional
experience of a branded
product or service...
without the influence of other
brands.

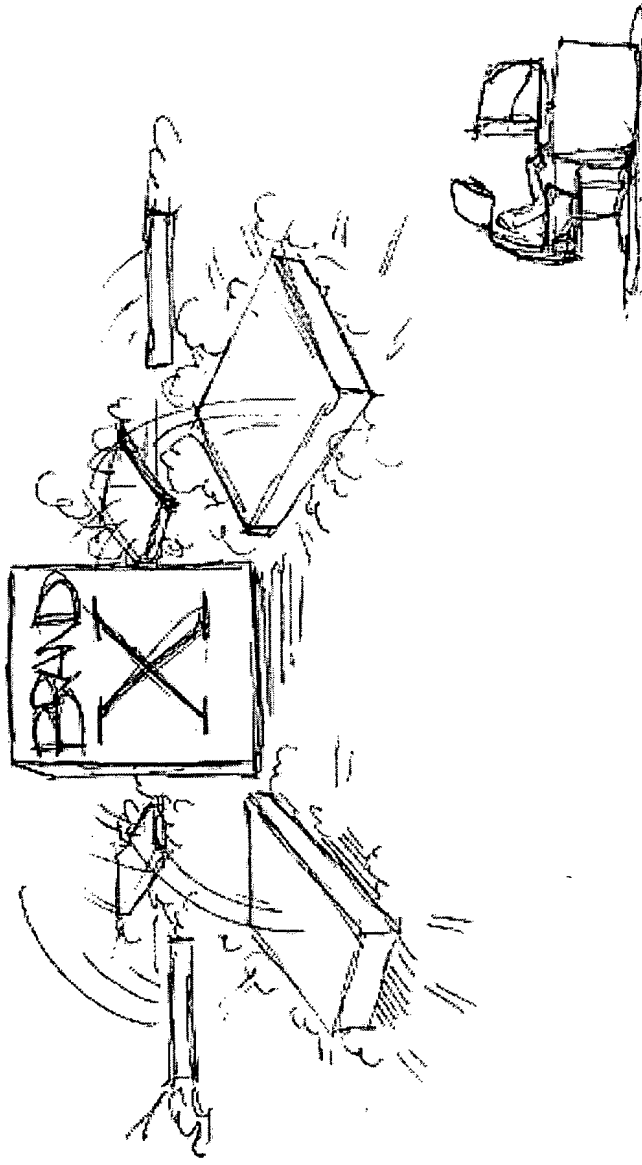


FIG. 4444

With Brandkey Systems Multi-
Mode Virtual Kiosks so simple
and easy to access, consumers
can be more effectively educated
about brands than ever before
online and gain a full experience
of a brand...

... so that they develop strong
preferences for them.

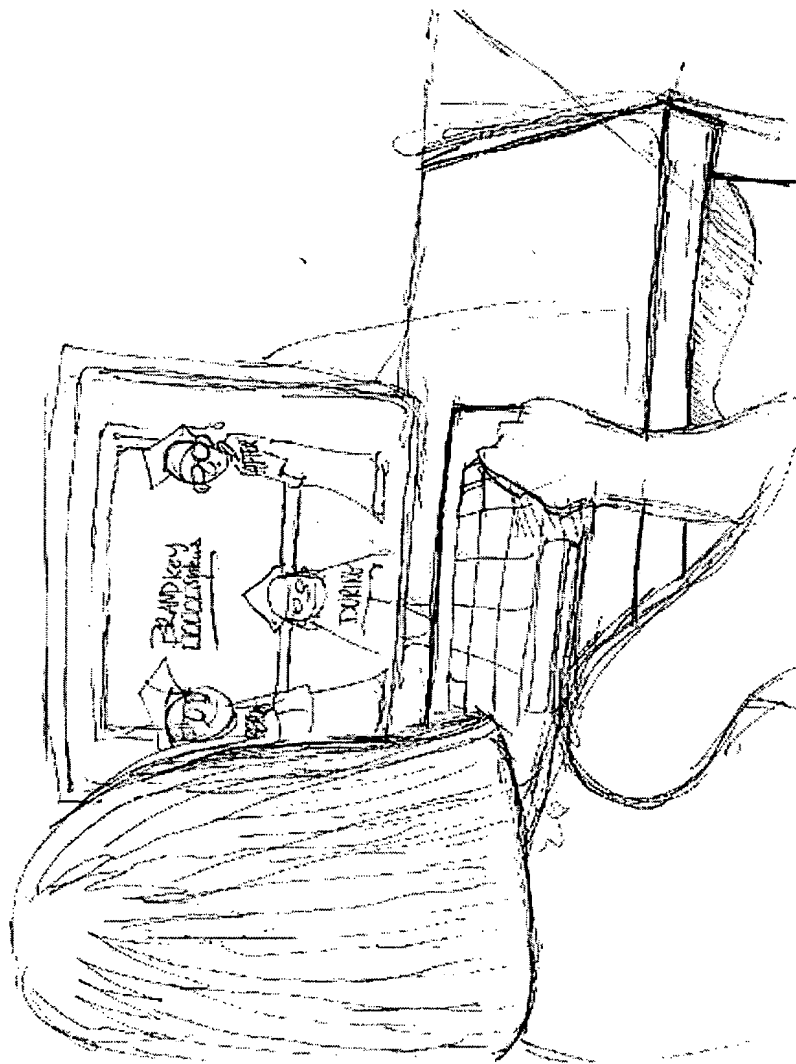


FIG. 44L5

Consumer brand images are
now aligned with the team's
intended brand marketing
objectives.

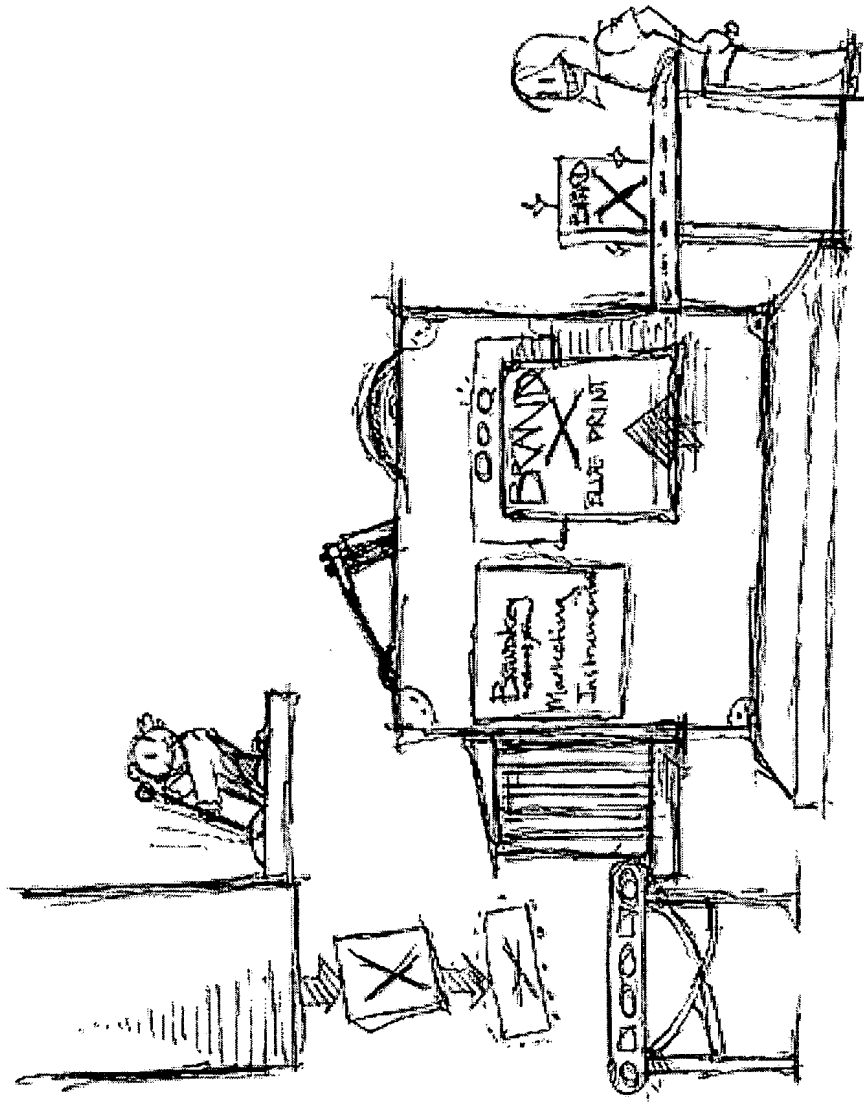
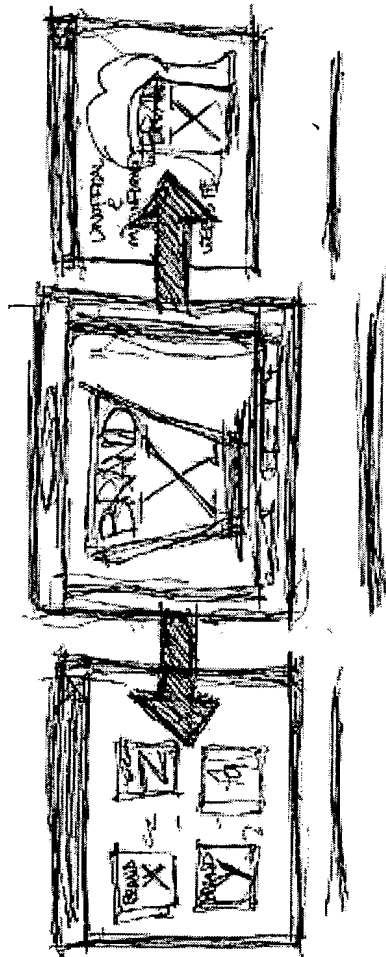


FIG. 4426



And consumers no longer
need to wander off to other
websites in search of brand-
related information.

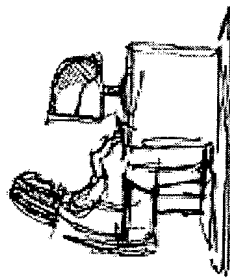
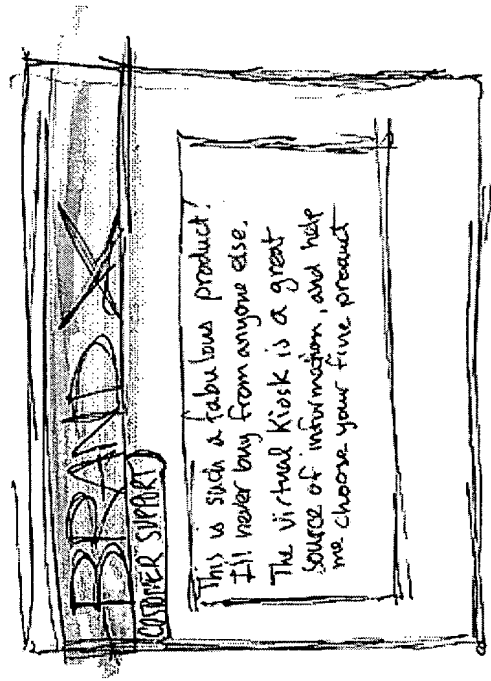


FIG. 44L7



This can only lead to increased levels of customer loyalty and retention for the brand.

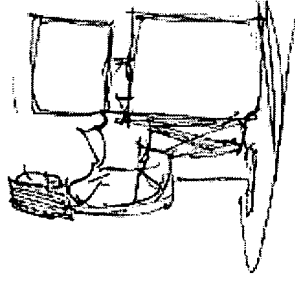


FIG. 44L8

Online brand marketers can now
create and deliver high-impact brand
marketing campaigns.

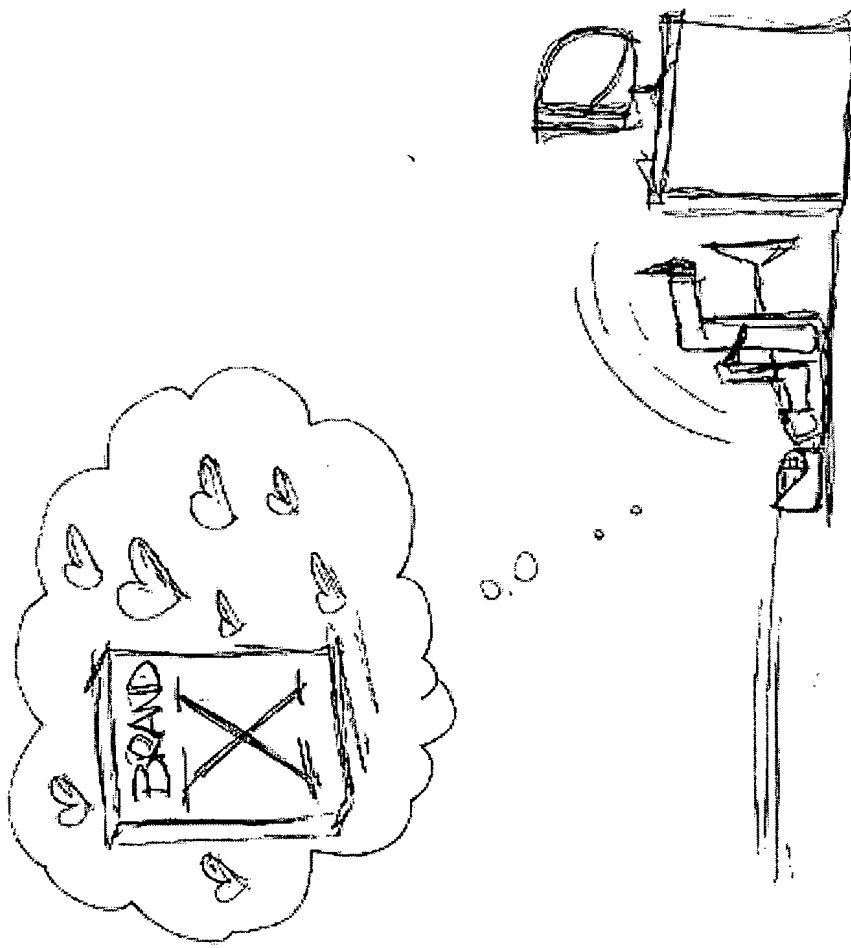
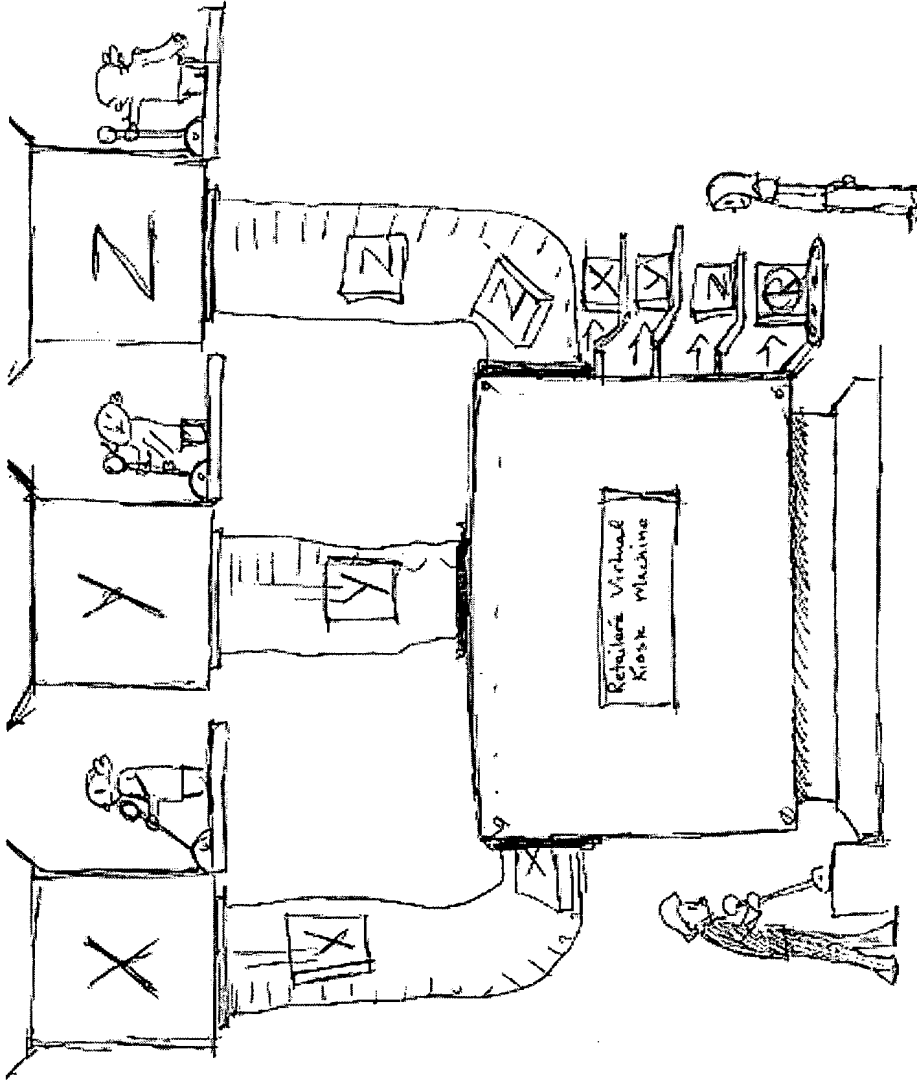
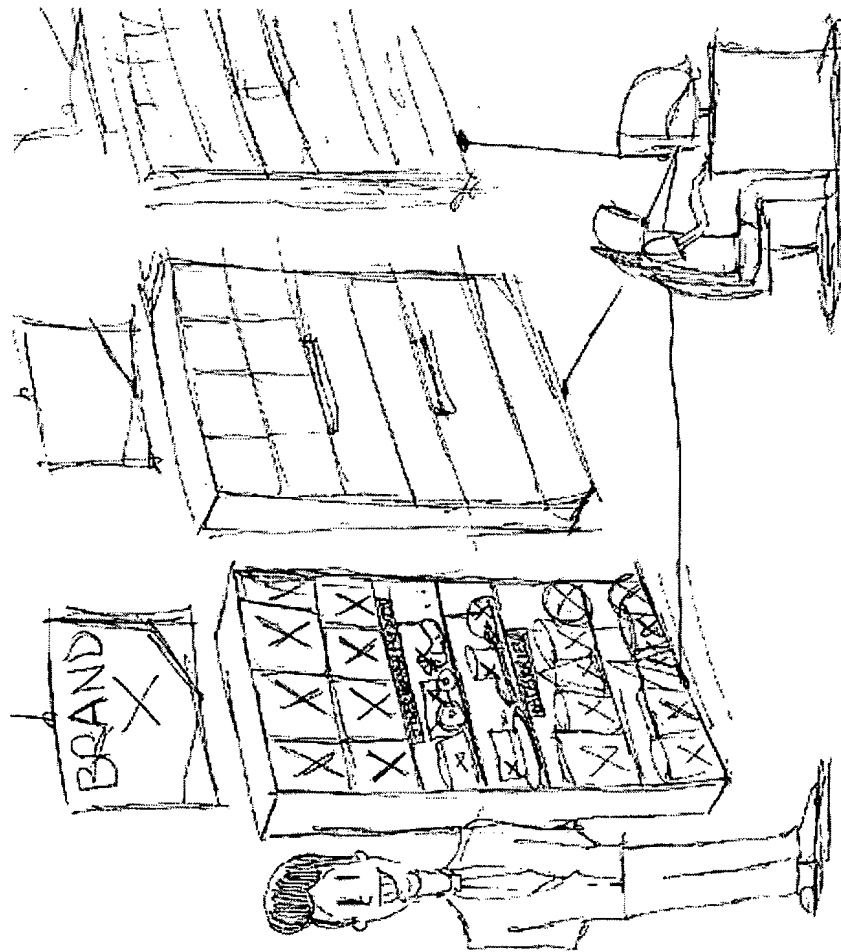


FIG. 4429



Retailers can build e-commerce sites which communicate its vendors' intended brand images while preserving their own.

FIG. 44L10



Retailers can more efficiently
use the virtual shelf-space on
their Websites.

FIG. 44L11

By more efficiently using Brand
Building Information Resources,
marketing costs decrease, as
Brand Value and Equity
increase, thereby improving
Profits.

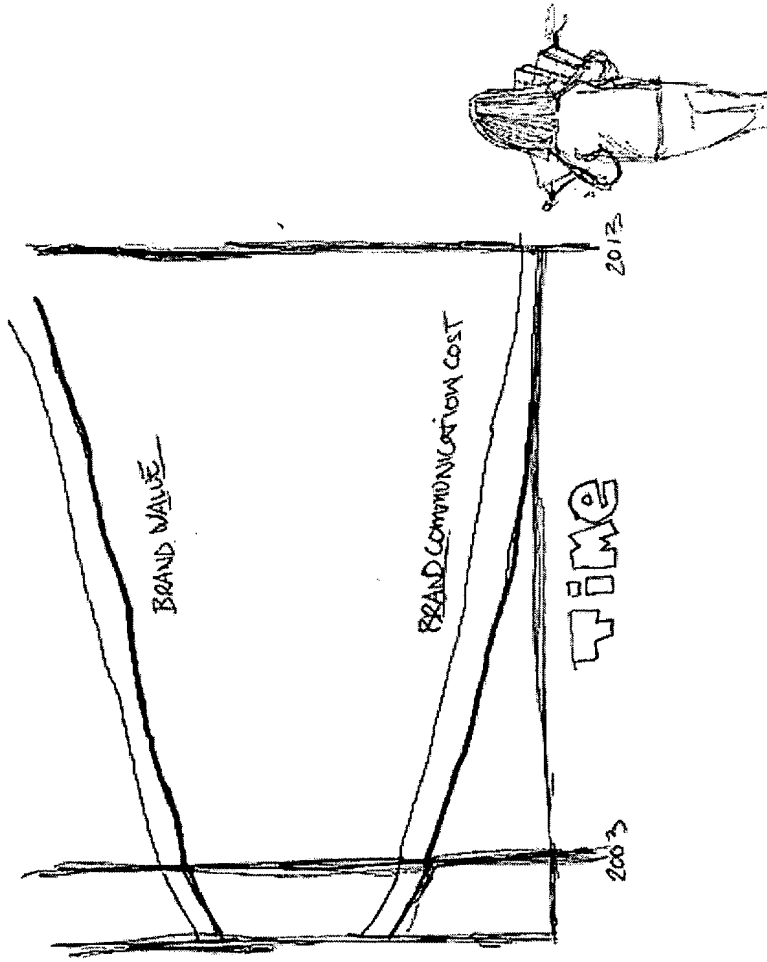


FIG. 44L12

By creating new levels of Brand Value and Experience, the durability of all serviced Brands can be extended.

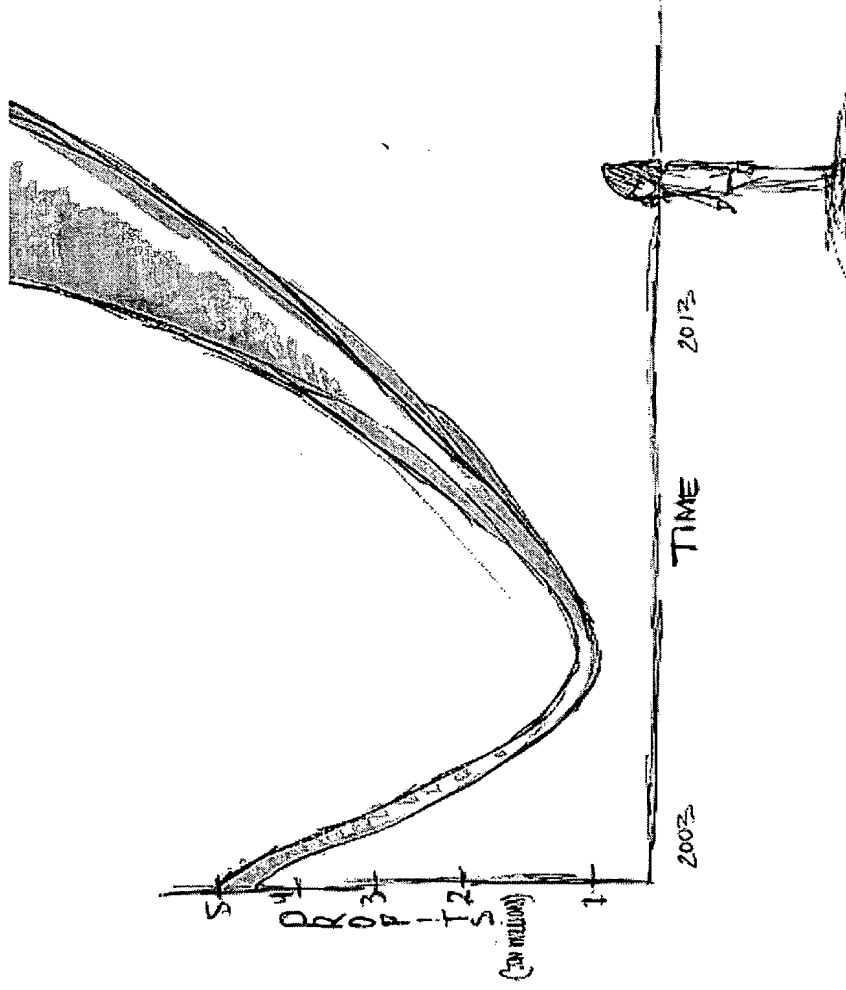


FIG. 44L13

By providing such benefits,
the Brandkey Systems™
Network helps build more
distinctive, valuable, and
stronger Brands in the
marketplace.

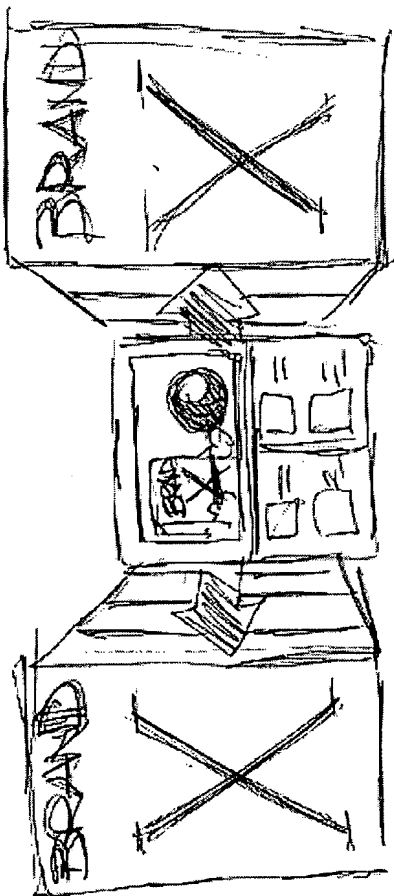


FIG. 44L14

The Brandkey Systems™
Network is composed of five
Subsystems connected to the
infrastructure of the Internet:

- Brandkey Systems™
- Brandkey Create™
- Brandkey Deliver™
- Brandkey Advertise™
- Brandkey Promote™

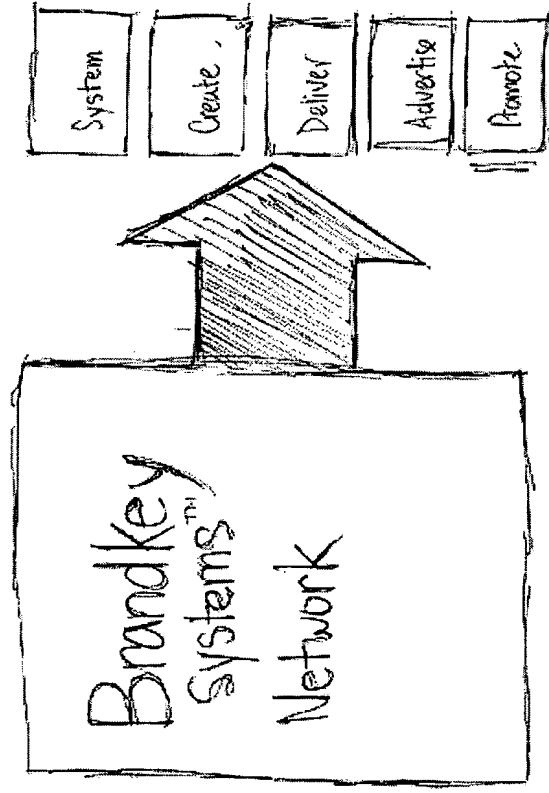


FIG. 44 M1

Each of these subsystems supports one or more Service Suites, and each Service Suite contains one or more Control Panels.

These Control Panels support the delivery of the network's revolutionary ensemble of Brandkey Systems™ Marketing Instruments.

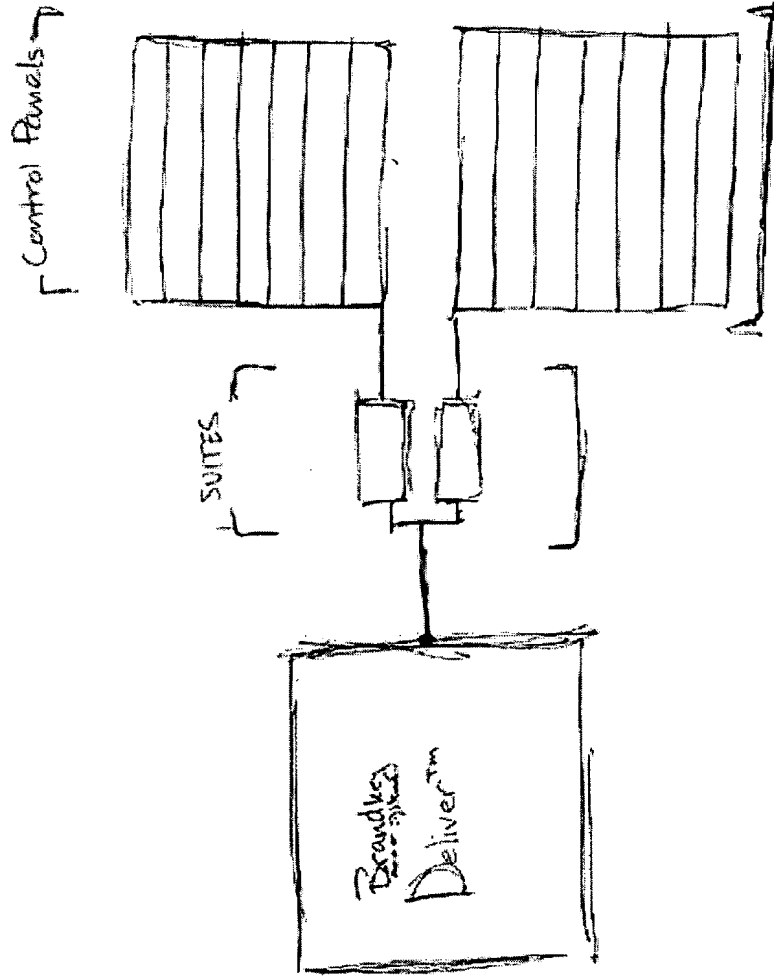
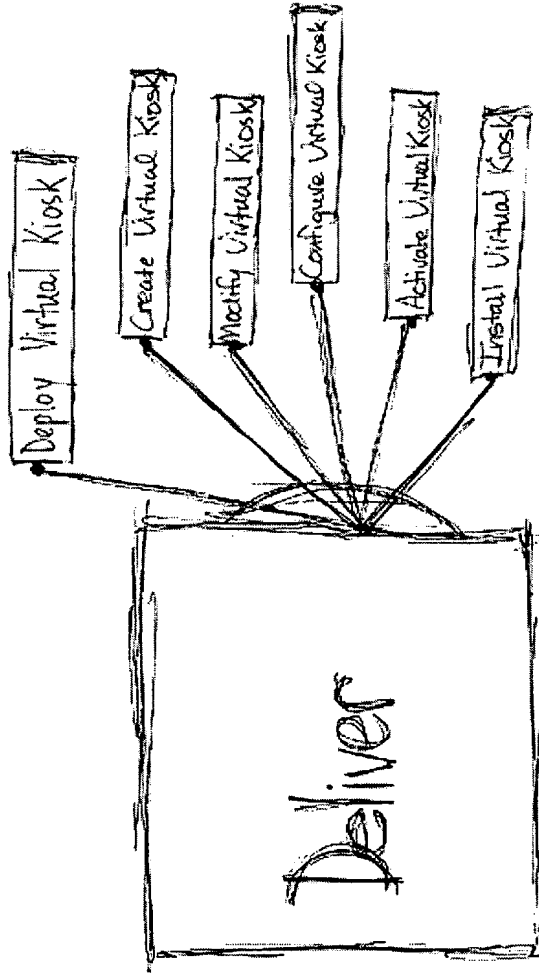


FIG. 44M2



Brandkey Deliver™ Marketing Instruments provide Brand Management Teams the ability to rapidly configure, deploy, and install Brandkey Systems™ Multi-Mode Virtual Kiosks on the Internet.

FIG. 44M3

Brandkey Advertise™ Marketing Instruments enable Brand Managers and their Agents to program the Advertising Spot Display Mode of their Virtual Kiosks in a simple an convenient manner.

These operations are carried out by creating, executing and managing Advertising Campaigns designed to run on networks of Multi-Mode Virtual Kiosks.

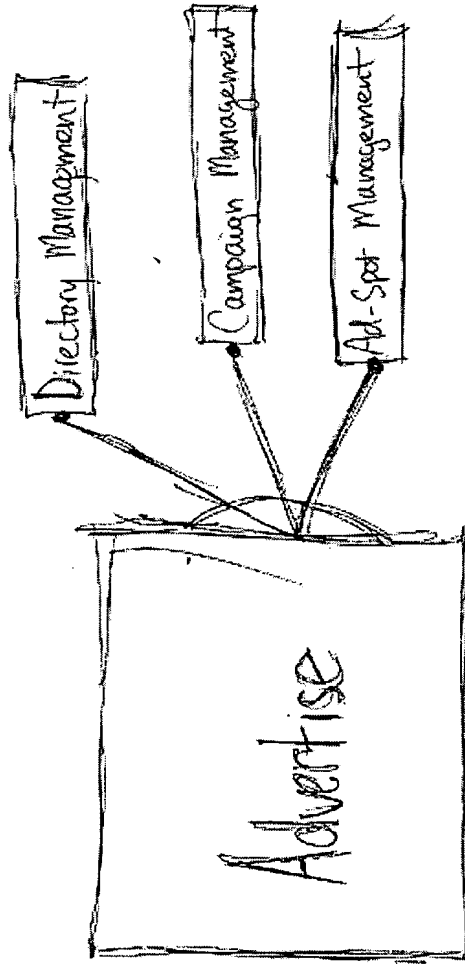


FIG. 44M4

Using Brandkey Promote™
Marketing Instruments, Brand
Managers and their Agents can
program the Promotional Spot
Display Mode of their Virtual
Kiosks.

These programming operations are
carried out by creating, executing
and managing Promotional
Campaigns designed to run on
networks of Multi-Mode Virtual
Kiosks

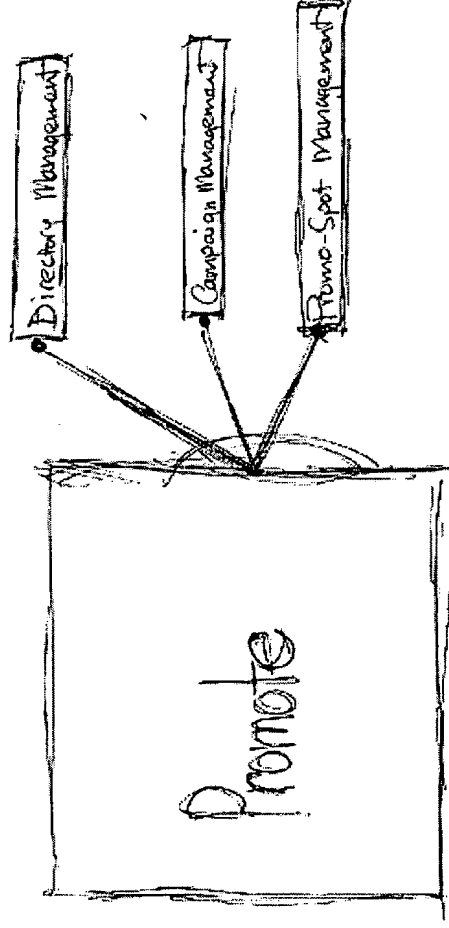


FIG. 44M5

Brandkey Create™ Marketing Instruments enable Brand Managers and their Agents to program the Brand Information Network Display Mode of their Virtual Kiosks using simple mouse-clicks and data-entry operations.

Programming operations are carried out by creating and deploying interactive models of Product and Service Brands represented in the form of richly-associated Brand-Building Information Networks.

These Information Networks create and reinforce the intended Brand Image of Products and Services within the minds of Consumers.

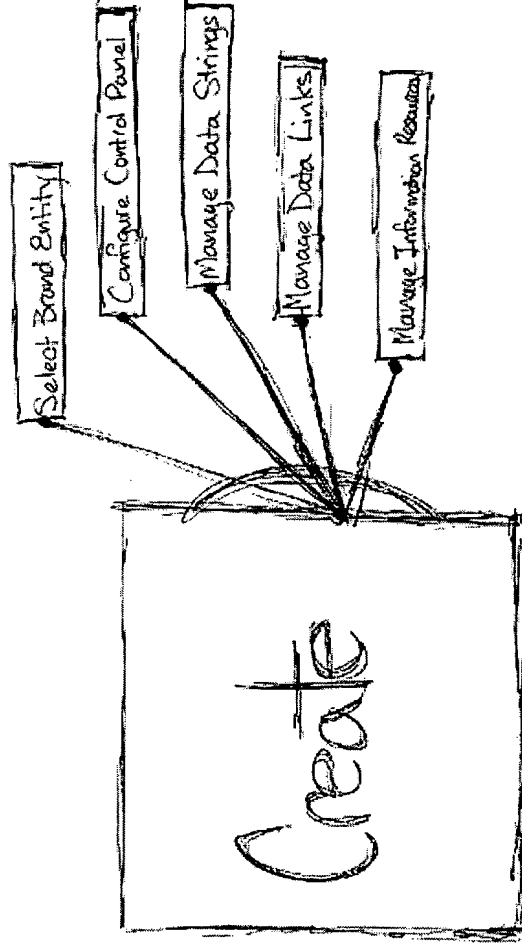
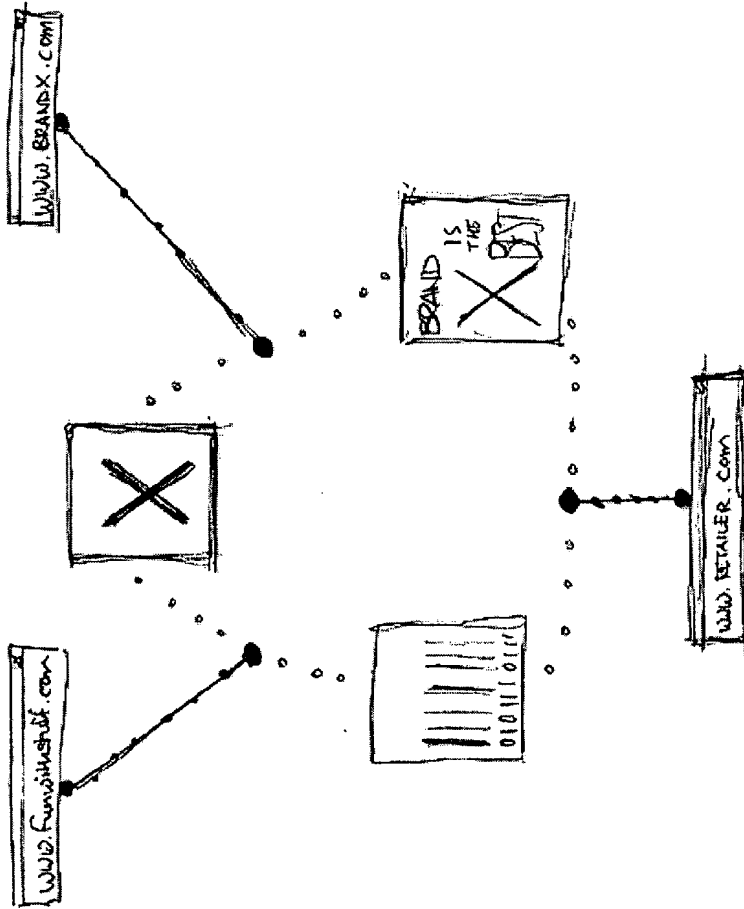
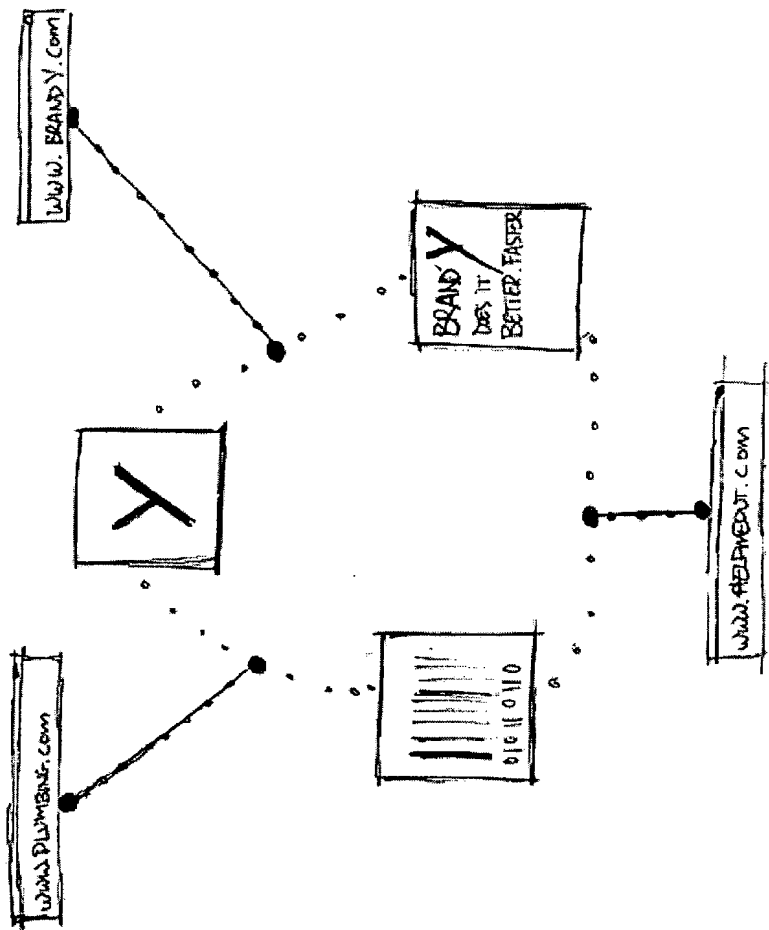


FIG. 44M6



Brand-Building Information Networks can be constructed for Product-type Brands by linking the Uniform Resource Locators (URLs) of Brand Building Information Resources, to Product Data Strings consisting of the Universal Product Number (UPN), Trademark (TM) and Product Descriptor (PD) of branded products.

FIG. 44M7



For Service-type Brands, these Information Networks can be created by linking the Uniform Resource Locators (URLs) to Service Data Strings consisting of the Universal Service Number (USN), Servicemark (SM) and Service Descriptor (SD) of branded services.

FIG. 44M8

Brandkey Systems™
Administration Instruments
enable Users to perform basic
management and
administration functions
relating to Client Accounts,
Brands, and User Rights and
Privileges.

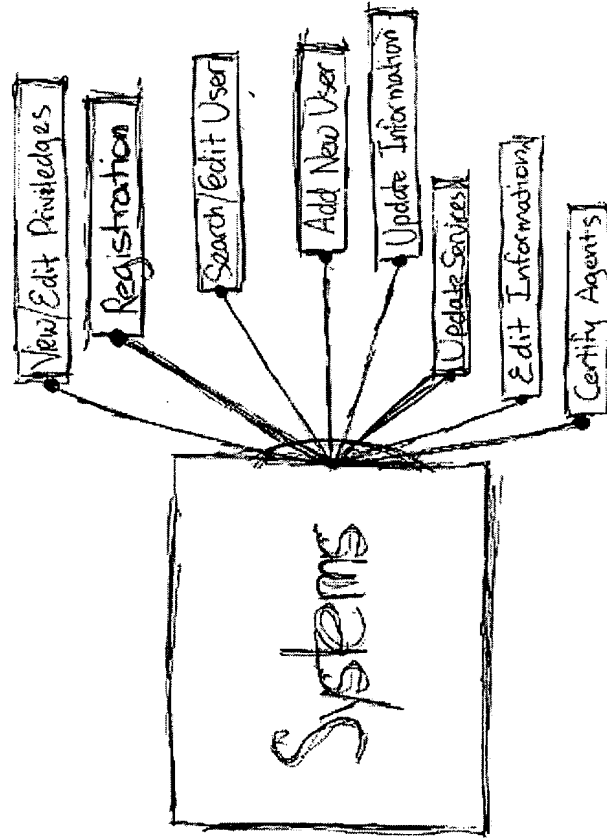


FIG. 44M9

Using the Brandkey
Systems™ Virtual Kiosks,
consumers can now learn
about brands in a more
effective and enjoyable
manner, and develop strong
preferences for them.

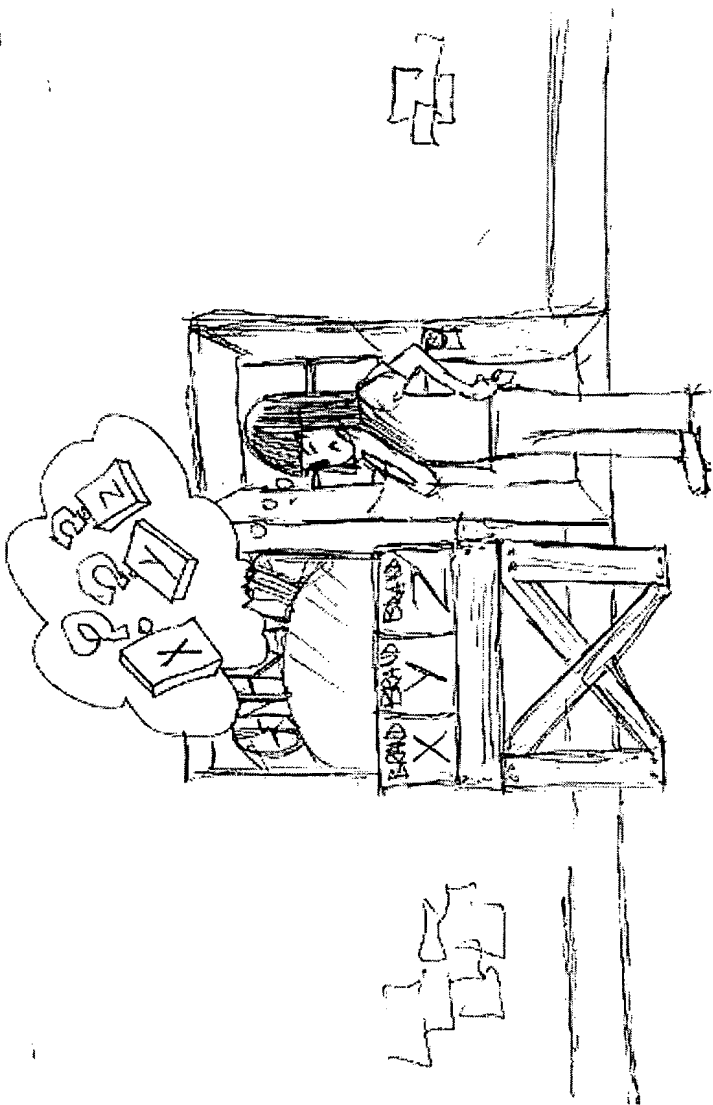


FIG. 44N1

And when brand managers
want to reach consumers with
brand building messages and
information...



FIG. 44/NZ

...the Brandkey Systems Network is
there to provide a direct channel to
the hearts and minds of millions of
consumers on the Web.

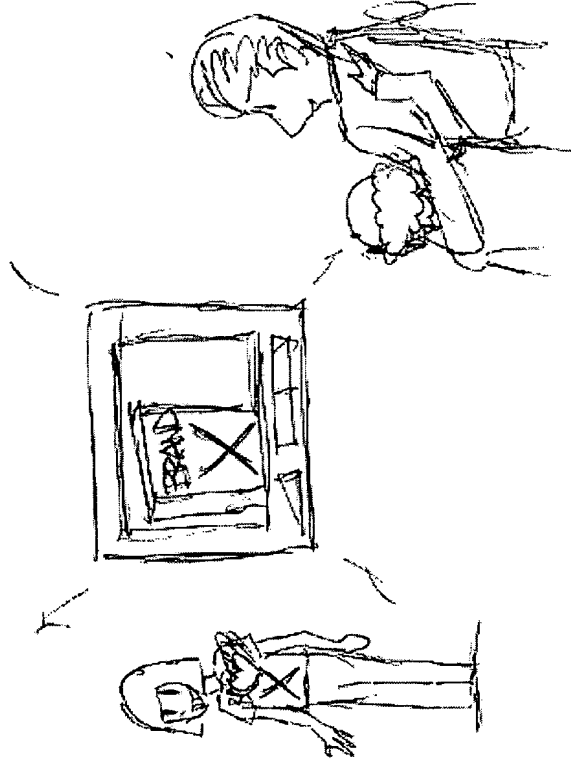


FIG. 44N3

Definition of Terms

Advertising Agent is an Agent responsible for creating, managing, and running Advertising Campaigns for particular Brands of Products and/or Services in the marketplace.

Advertising Campaign is that portion of a Brand Marketing Campaign which seeks to build a desired Brand Image in the minds of Consumers for a particular Brand of Products and/or Services.

Brand is a mental object relating to a class of tangible and/or intangible thing(s) (e.g. Products/Services) in the world and which is:

(1) persistent within the mind of a person (e.g. Consumer) having (i) a particular relationship with the class of things, as well as (ii) as set of

expectations of meaning and value to be derived by the Consumer upon experiencing the class of things; and

(2) recognized by the Consumer in response to the perception of particular sounds, symbols and/or other sensorial impressions communicated to the Consumer in the marketplace.

Brand Image is the Brand Image of a Brand is the composite set of impressions and perceived values persisting in the minds of Consumers in response to exposure to (i) messages produced under messages produced under a Brand Marketing Campaign carried out by the Brand Management Team including its Advertising and Promotional Agents, as well as (ii) other information items (e.g. Clutter) communicated by others in the marketplace.

Brand Knowledge Network is an information model (i.e. schema) comprising a network of Products and/or Service Data Links designed by a Brand Management Team to represent a desired Brand Image which the Brand Management Team wants to persist within the minds of Consumers regarding a particular Brand or set of Brands under their management.

Brand Management Team is a group of people including; Brand Managers, Advertising Agents, Promotional Agents, Full-Service Agents, etc. whose mission is to create, manage, and communicate a desired Brand Image for a particular Brand or set of Brands to Consumers.

Brand Marketing Campaign is an effort conducted in the marketplace by a Brand Management Team including its Advertising and Promotional Agents to build a Brand in the minds of Consumers, which creates a desired Brand Image consistent with the marketing objectives of the Marketing Team.

Data Link is a URL associated with a Product or Service Data String that may be used to build a Brand Knowledge Network.

Promotional Agent An Agent responsible for creating, managing, and running Promotional Campaigns for particular Brands of Products and/or Services in the marketplace.

Promotional Campaign is that portion of a Brand Marketing Campaign which seeks to induce consumption of a particular Brand of Products and/or Services by Consumers in the marketplace.

Product Data String is a string of data comprising a Universal Product Number (e.g. UPC/EAN) assigned to a particular Product, a Product Descriptor briefly describing the generic nature of the Product, and any number of Trademarks used in connection with the Product in the marketplace.

Service Data String is a string of data comprising a Universal Service Number (e.g. Airclac Code) assigned to a particular Service, a Service Descriptor briefly describing the generic nature of the Service, and any number of Servicemarks used in connection with the Service in the marketplace.

Fig. 440

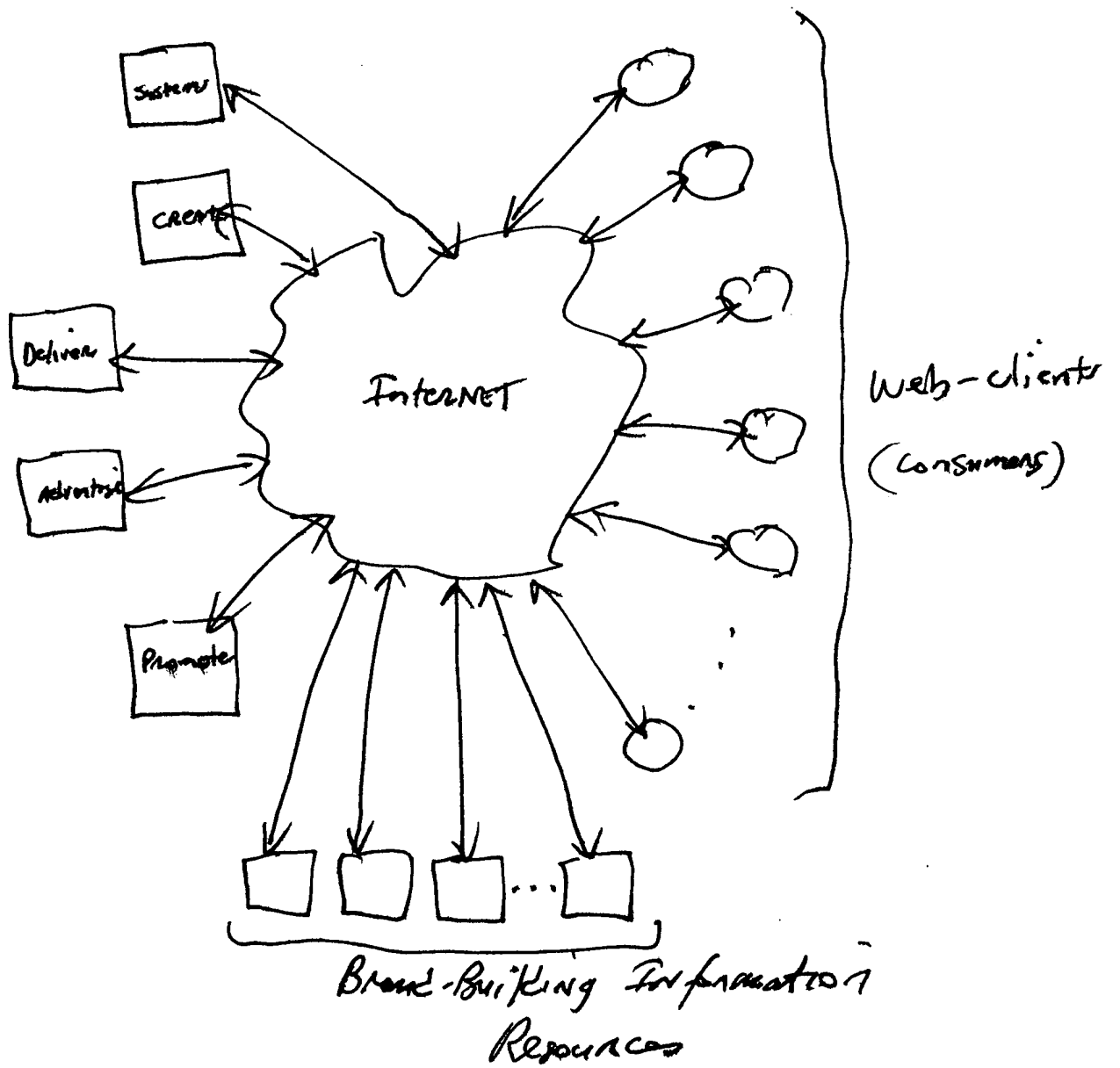
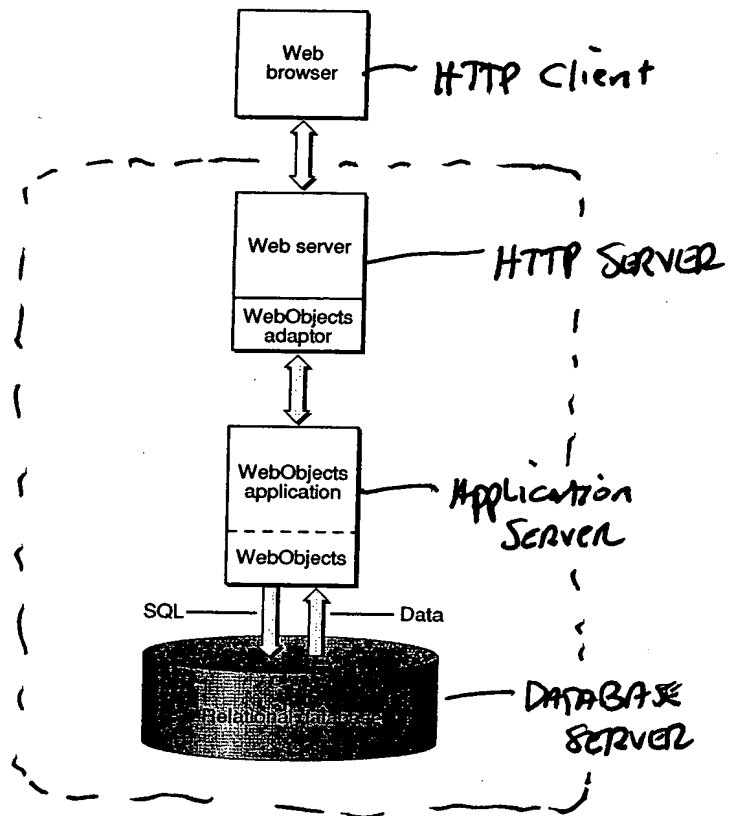


FIG. 45A1

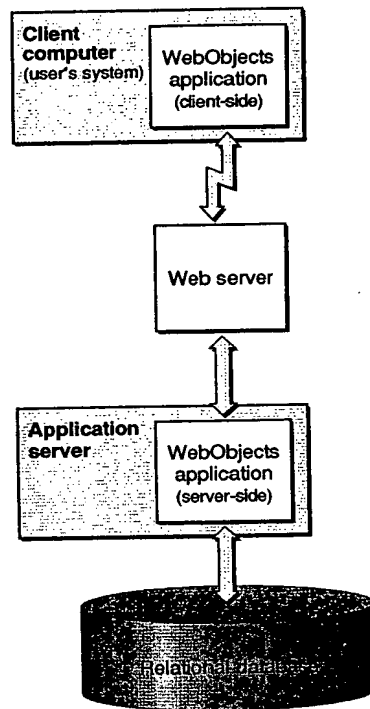
WebObjects HTML-based application communication chain



The WebObjects Architecture

FIG. 45A2





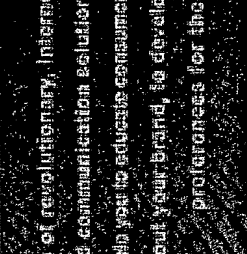
Java Client's distributed, multitier architecture



Java Client Architecture

FIG. 45A3

Brand Marketing Communication Instrumentation Network

Brandkey products	Brandkey create	Brandkey deliver	Brandkey advertise	Brandkey promote
				

We are pioneers of revolutionary, Internet-enabled brand communication solutions that enable you to educate consumers about your brand, to develop preferences for them

Brandkey Systems™ Network
» System Overview

Brandkey Create™ Subsystem
» Subsystem Overview

Brandkey Deliver™ Subsystem
» Subsystem Overview

Brandkey Advertise™ Subsystem
» Subsystem Overview

Brandkey Promote™ Subsystem
» Subsystem Overview

Brandkey Systems™ Virtual Kiosk



Multi-Mode Virtual Kiosk™

Our Multi-Mode Virtual Kiosk™ technology provides a new kind of Internet-based "telecommunication device" (e.g. video-communicator) directly between you and your customers ... at any Internet-enabled consumer touchpoint.

[learn more](#)

FIG. 45B1

About Brandkey Systems Corporation

Brandkey Systems is a global brand marketing communication technology and services company. We provide Clients with revolutionary Web-based brand marketing communication instruments and supporting services that help them build the demand side of their business. Our success and growth are built on the quality of our Client base, the depth of our relationships, and our expertise in the innovative technologies which we develop and support in the marketplace.

FIG 45B2



Tutorials

FAQ

Brandkey Systems Network Help Control Panel

Tutorials on the Brandkey Systems Network

■ BRANDKEY SYSTEMS NETWORK

- ▶ [Login](#)
- ▶ [Logout](#)
- ▶ [Forgot Password](#)

■ BRANDKEY SYSTEMS SUBSYSTEM

▶ [Registration Suite](#)

1. [Control Panel for registering with Brandkey Systems Network](#)

▶ [User-Account Administration Suite](#)

1. [Control Panel for Administering Users](#)
2. [Control Panel for Administering Accounts](#)
3. [Control Panel for Administering Ad/Promo Privileges](#)

■ BRANDKEY CREATE SUBSYSTEM

▶ [Brand Information Network Management Suite](#)

1. [Control Panel for Managing Brand Information Networks](#)
 - a. [Select Brand Entity](#)

http://www.brandkeysystems.com/bk_systems/h_launch_help_tutorials.html

FIG. 45C1

b. [Configure Control Panel](#)

c. [Manage Data Strings](#)

d. [Manage Data Links](#)

► **Brand Building Web Resources Hosting Suite**

1. **Control Panel for Hosting Brand Building Web Resources**

a. [Select Brand Entity](#)

b. [Manage Data Strings](#)

c. [Manage Data Links](#)

d. [Manage Information Resources](#)

■ **BRANDKEY DELIVER SUBSYSTEM**

► **Virtual Kiosk Generation Suite**

1. **Control Panel for Generating Product-Specific Virtual Kiosks**

a. [Configure P-S Virtual Kiosks](#)

b. [Create P-S Virtual Kiosks](#)

c. [Modify P-S Virtual Kiosks](#)

d. [Deploy P-S Virtual Kiosks](#)

e. [Activate P-S Virtual Kiosks](#)

2. **Control Panel for Generating Service-Specific Virtual Kiosks**

a. [Configure S-S Virtual Kiosks](#)

b. [Create S-S Virtual Kiosks](#)

FIG. 45C2

c. Modify S-S Virtual Kiosks

d. Deploy S-S Virtual Kiosks

e. Activate S-S Virtual Kiosks

3. Control Panel for Generating Vendor-Specific Virtual Kiosks

a. Configure V-S Virtual Kiosks

b. Create V-S Virtual Kiosks

c. Modify V-S Virtual Kiosks

d. Deploy V-S Virtual Kiosks

e. Activate V-S Virtual Kiosks

4. Control Panel for Generating Service-Provider-Specific Virtual Kiosks

a. Configure S-P-S Virtual Kiosks

b. Create S-P-S Virtual Kiosks

c. Modify S-P-S Virtual Kiosks

d. Deploy S-P-S Virtual Kiosks

e. Activate S-P-S Virtual Kiosks

5. Control Panel for Generating Retailer-Specific Virtual Kiosks

a. Configure R-S Virtual Kiosks

b. Create R-S Virtual Kiosks

c. Modify R-S Virtual Kiosks

d. Deploy R-S Virtual Kiosks

e. Activate R-S Virtual Kiosks

6. Control Panel for Generating Specific Virtual Kiosks

FIG. 45C3

5. Virtual Kiosk Installation Suite

- a. Configure I-S Virtual Kiosks
- b. Create I-S Virtual Kiosks
- c. Modify I-S Virtual Kiosks
- d. Deploy I-S Virtual Kiosks
- e. Activate I-S Virtual Kiosks

7. Control Panel for Generating Corporate-Specific Virtual Kiosks

- a. Configure C-S Virtual Kiosks
- b. Create C-S Virtual Kiosks
- c. Modify C-S Virtual Kiosks
- d. Deploy C-S Virtual Kiosks
- e. Activate C-S Virtual Kiosks

► Virtual Kiosk Installation Suite

- 1. Control Panel for Installing Product-Specific Virtual Kiosks
- 2. Control Panel for Installing Service-Specific Virtual Kiosks
- 3. Control Panel for Installing Vendor-Specific Virtual Kiosks
- 4. Control Panel for Installing Service-Provider-Specific Virtual Kiosks
- 5. Control Panel for Installing Retailer-Specific Virtual Kiosks
- 6. Control Panel for Installing Industry-Specific Virtual Kiosks
- 7. Control Panel for Installing Corporate-Specific Virtual Kiosks

■ BRANDKEY ADVERTISE SUBSYSTEM

FIG 45C4

▶ Virtual Kiosk Advertising Campaign Management Suite

1. Control Panel for Managing Advertising Campaigns

- a. Directory Management
- b. Campaign Management
- c. Ad-Spot Management

■ BRANDKEY PROMOTE SUBSYSTEM

▶ Virtual Kiosk Promotional Campaign Management Suite

1. Control Panel for Managing Promotional Campaigns

- a. Directory Management
- b. Campaign Management
- c. Promo-Spot Management

FIG. 45C5

Manage

Accounts, Brands and User Rights

Manage Accounts, Brands, and User Rights to access the Brandkey Systems Network and program the Advertisement and Promotion Display Modes of Multi-Mode Virtual Kiosks.

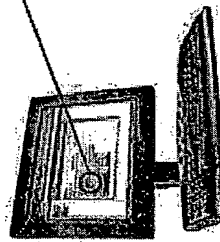
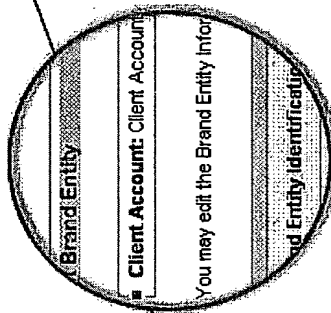
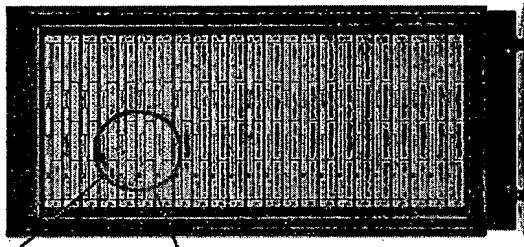


FIG. 46A

- ▶ Consumers
- ▶ Vendors
- ▶ Service Providers
- ▶ Advertising Agents
- ▶ Promotional Agents
- ▶ Retailers
- ▶ Industrialists

Brandkey Systems Subsystem Benefits - Standard Demonstration Mode

The Brandkey Systems™ Brand Marketing Communication and Control Instrumentation Network delivers a revolutionary ensemble of instruments that enables brand management teams to build and communicate brand images to consumers at any Internet-enabled consumer touchpoint via multi-mode Virtual Kiosks located in both physical and electronic streams of commerce.

By providing the instruments to rapidly build powerful Brand Knowledge Networks and Advertising and Promotional Campaigns for delivery to consumers over highly controlled channels of communication less immune to destructive power of clutter, the Brandkey Systems™ Network enables brand management teams to create stronger, more distinctive brands in the marketplace-translating into premium prices, greater levels of channel influence, improved levels of customer loyalty and retention, and increased profits.

This increased level of control over Internet-based brand marketing communications enables brand managers and their agents to effectively manage consumers' experienced perceptions developed before, during and after consumer purchases. Proper management of consumer perception will allow consumers to have more meaningful purchase experiences and will influence their perception of a brands' value and strength.

FIG. 46B

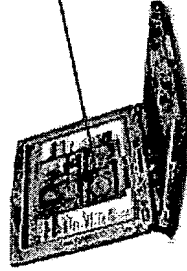
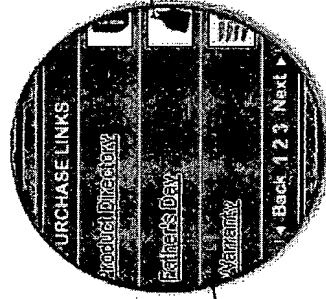
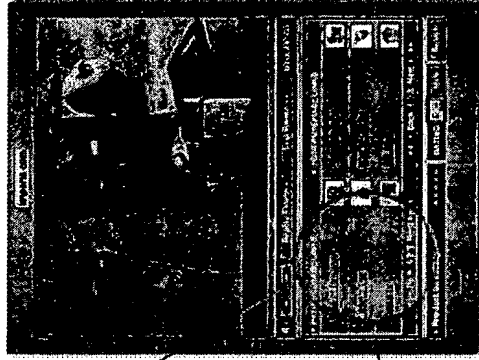
Tutorials

- Brandkey Create

Create

Brand Information Networks

Create Interactive Brand Information Networks designed to communicate the essential value and character associated with your branded products and services.



Brandkey Create Subsystem Benefits - Standard Demonstration Mode

- ▶ Brand Managers
- ▶ Advertising Agents
- ▶ Promotional Agents
- ▶ Full Service Agents
- ▶ Marketing Consultants
- ▶ Brand Consultants
- ▶ Trademark Attorneys

Brandkey Create™ Subsystem employs the latest advances in cognitive science and learning theory to enable brand managers and their team members to simply create and deploy multi-level interactive audio-visual models of product brands represented in the Brand Knowledge Networks.

These Brand Knowledge Networks are constructed upon a network of brand-building information links located at the nodes in the Brand Knowledge Network. Each node in the Network can be encoded with brand-identifying graphics and audio clips selected by the brand manager's team and will build and reinforce the Brand Image intended by the brand management team.

By bolstering the intended Brand Image associated with each brand entity registered with the Brandkey Systems™ Network, brand management teams can effectively combat the forces of brand-related confusion, erosion and dilution created by marketplace clutter.

The results of delivering Brand Knowledge Networks to consumers at Internet-based touchpoints before, during and after purchases, are:

- (1) consumers learn about and remember what is relevant and important about the particular brand entities represented by the delivered Brand Knowledge Network;
- (2) brand managers build stronger, more powerful brands in the minds and hearts of consumers; and
- (3) stronger, more powerful brands increase the level of influence that brand manager's have along the manufacturer's distribution channels.

FIG. 47AZ

Tutorials

► Brandkey Deliver

Deliver

Multimode Virtual Kiosks

Deliver Multimode Virtual Kiosks to Consumers at Web-Enabled touchpoints to develop Consumer Brand Knowledge about your branded products and services.

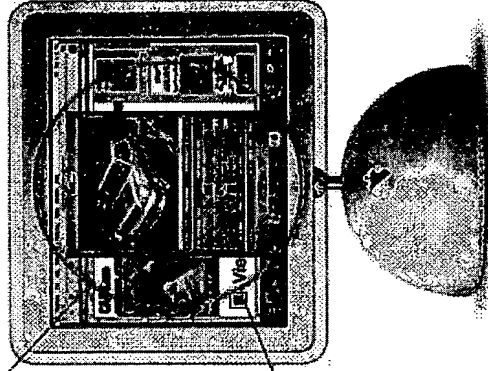



FIG. 48A1



[Home](#) | [About Us](#) | [Investors](#) | [Careers](#) | [Site Map](#) | [Contact Us](#) | [Help](#) | [Login](#)

[Brandkey systems](#) | [Brandkey create](#) | [Brandkey deliver](#) | [Brandkey advertise](#) | [Brandkey promote](#)

[Brandkey Deliver Subsystem Benefits](#) | [Virtual Kiosk Generation Suite](#) | [Virtual Kiosk Installation Suite](#)

Brandkey Deliver Subsystem Benefits - Standard Demonstration Mode

- ▶ Brand Managers
- ▶ Advertising Agents
- ▶ Promotional Agents
- ▶ Full Service Agents
- ▶ Marketing Consultants
- ▶ Brand Consultants
- ▶ Trademark Attorneys

The Brandkey Deliver™ Subsystem enables brand managers, their agents and others to simply generate Java-based multimode Virtual Kiosks for deployment at any consumer Internet-based touch point-using simple point and click operations - without requiring the skills of advanced Java programmers. This Brandkey™ Subsystem enables each and every deployed Virtual Kiosk to be simply activated and deactivated with the click of a control button located on the subsystem's instrumentation console.

FIG 48A2

Virtual Kiosk Generation Suite - Standard Demonstration Model

- ▶ Launch Control Panel for Generating Product-Specific Virtual Kiosks
- ▶ Launch Control Panel for Generating Service-Specific Virtual Kiosks
- ▶ Launch Control Panel for Generating Vendor-Specific Virtual Kiosks
- ▶ Launch Control Panel for Generating Service-Provider-Specific Virtual Kiosks
- ▶ Launch Control Panel for Generating Retailer-Specific Virtual Kiosks
- ▶ Launch Control Panel for Generating Industry-Specific Virtual Kiosks
- ▶ Launch Control Panel for Generating Corporate-Specific Virtual Kiosks

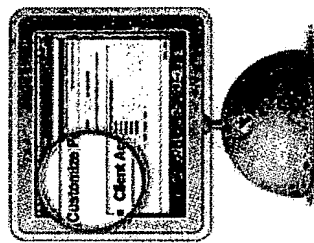
Client Account: DISNEY

Client Account No: 7145001

User Name: John Smith

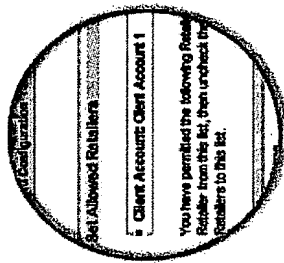
Configure Multi-Mode Virtual Kiosks

Create Interactive Brand Information Networks designed to communicate the essential value and character.



Customize Multi-Mode Virtual Kiosks

Create interactive Brand Information Networks more designed to communicate the essential value and character more.



Deploy Multi-Mode Virtual Kiosks

Create Interactive Brand Information Networks
designed to communicate the essential value and character.

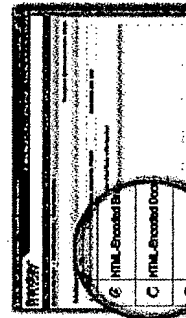


FIG. 48B1



Install Product-Specific Virtual Kiosks

Select Virtual Kiosks | License Agreement | Installation Location Information | Download Virtual Kiosk Tag

Standard Demonstration Mode

Download Virtual Kiosk Tags

Client Account: DISNEY

Client Account No: 7145001

User Name: John Smith

The Installation Files have been prepared for the selected Product-Specific Virtual Kiosks. These Product-Specific Virtual Kiosks are Launchable from the following Environments.

Launch Environment	Selected	
HTML-Encoded Brandkey(TM) Button	✓	Download Tags
HTML-Encoded Document	✗	Download Tags
HTML-Encoded Image	✓	Download Tags
HTML-Encoded Desktop Icon	✓	Download Tags

Fig. 49A

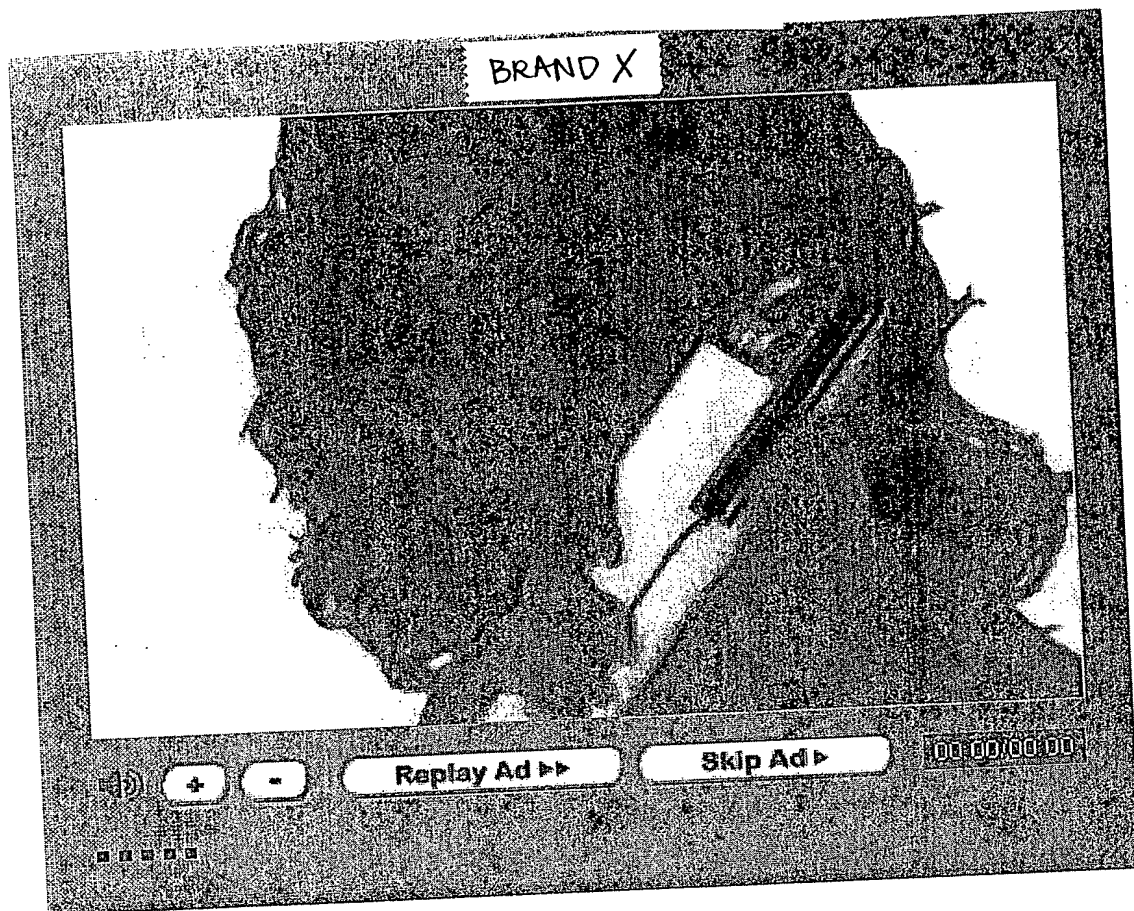


FIG. 49A1

PS-VIC



FIG. 49 A 2

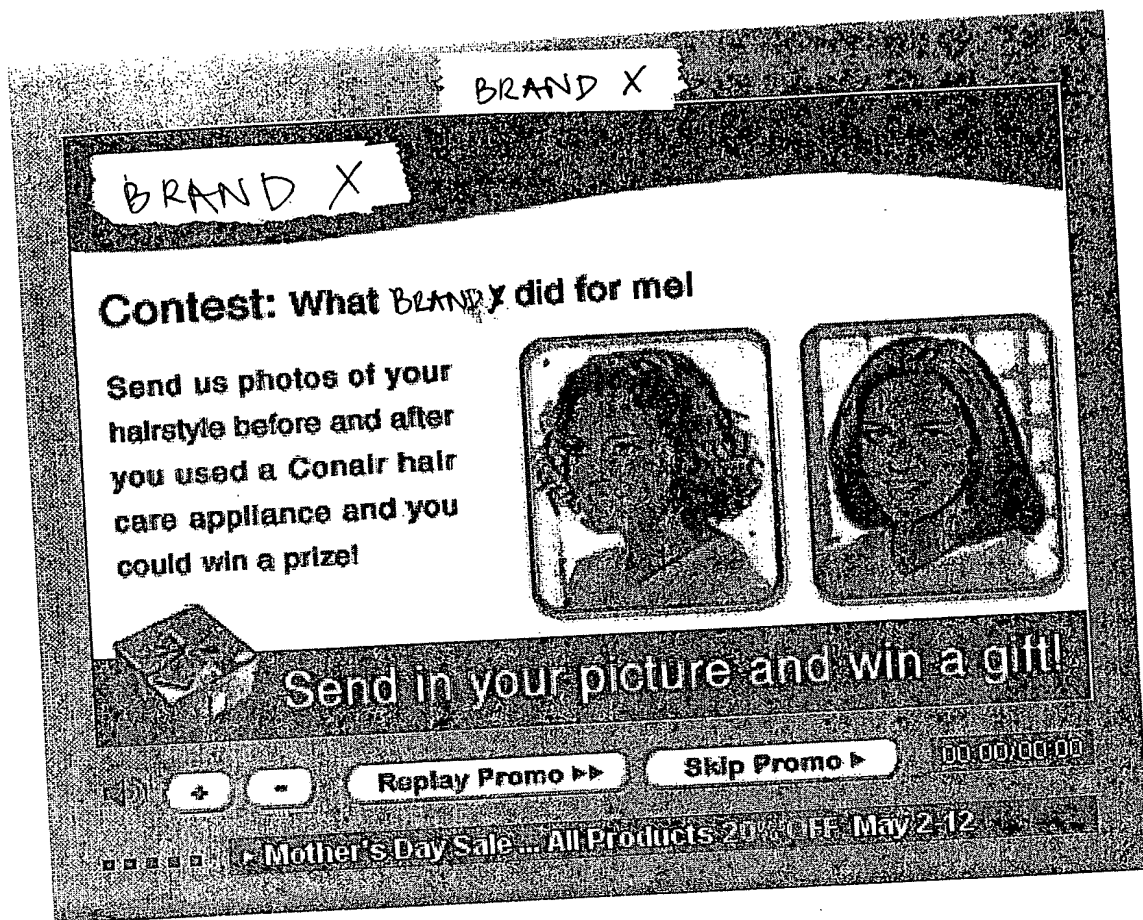


FIG. 49A3

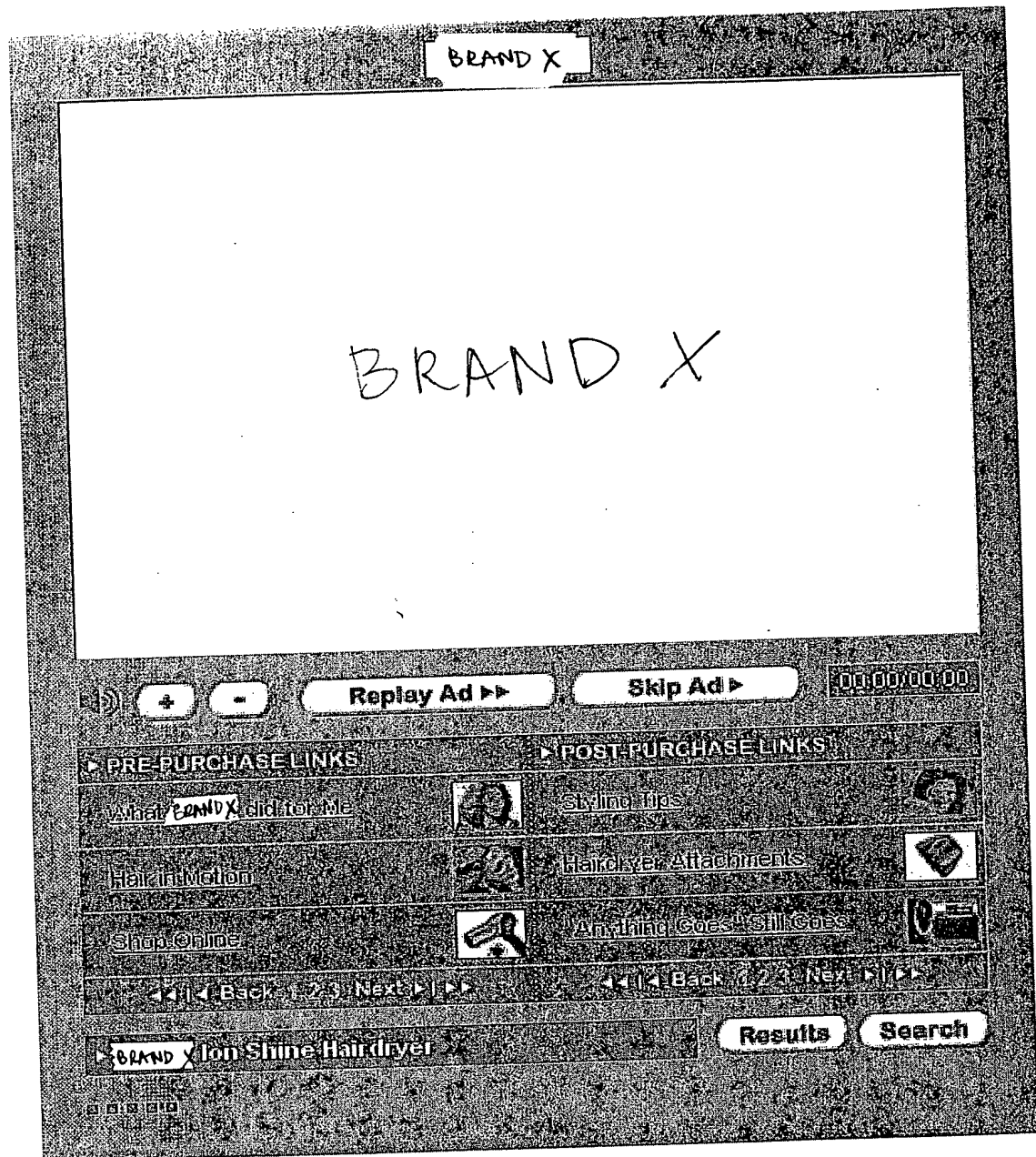


FIG. 49A4

BRAND X

BRAND X

PRODUCTS

MAKEUP

CUSTOMER CARE

Ion Shine

Model 1461



Ion Shine Hair Dryer

Currently in stock.
Typically ships within 24 hours.

Item# OCN 1461 20% OFF

Price: \$ 29.99

Promo price: \$ 23.99

Add to Cart

Email a Friend

Features:

- 1875 Watts of Drying Power
- Full Size
- Ionic Device
- Quiet Tone Motor
- 2 Heat/Speed Settings
- Cool Shot Button

Replay Ad >>

Skip Ad >

00:00/00:00

PRE-PURCHASE LINKS

What BRAND X did for Me

Styling Tips

Hair in Motion

Shop Online

POST-PURCHASE LINKS

Hair Dryer Attachments

And...and Goes... Still Goes

Back

2

Next

Back

1

2

3

Next

Shop Online

RATING 5

Vote

Search

000000

FIG. 49A5

Standard Demonstration Mode

Download Virtual Kiosk Tags

Client Account: BRAND Y

Client Account No: 7145001

User Name: John Smith

The setup files for the selected Service-Specific Virtual Kiosk(s) have been prepared. You have selected Service-Specific Virtual Kiosk(s) that are Launchable from the following environments.

Launch Environment	Selected	
HTML-Embedded Default Logo	✓	Download Kiosks
HTML-Embedded Document	x	Download Kiosks
HTML-Encoded Image	✓	Download Kiosks
HTML-Encoded Desktop Icon	✓	Download Kiosks

FIG. 49B

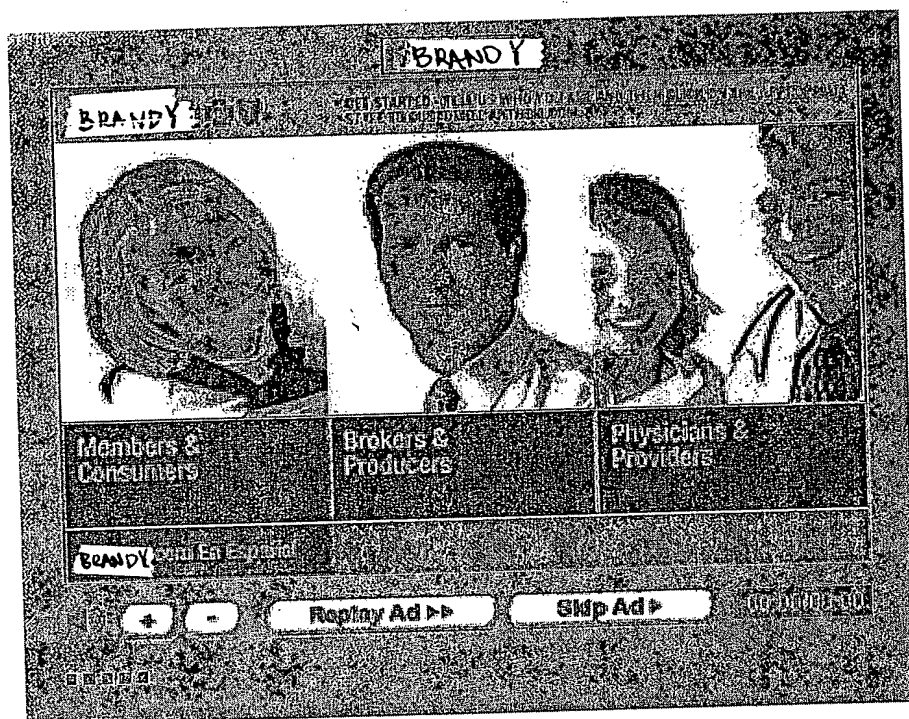


FIG. 49B1

59-VK

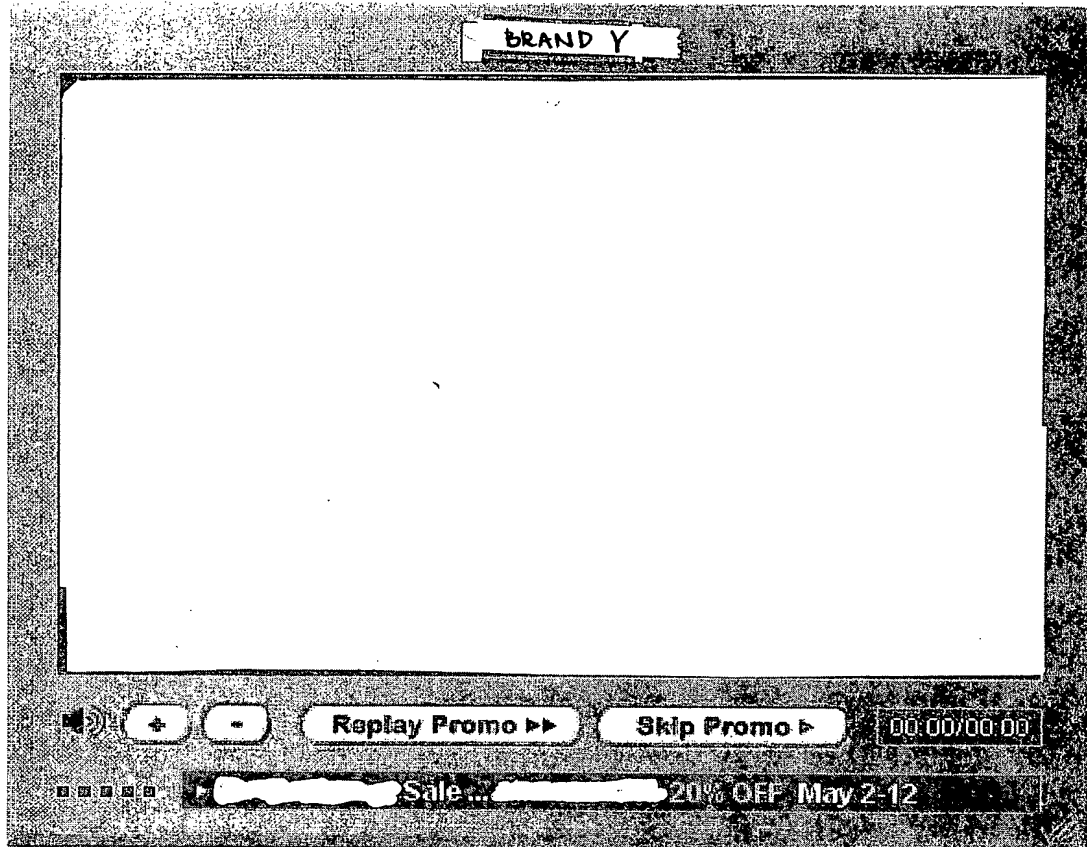


FIG. 49B2

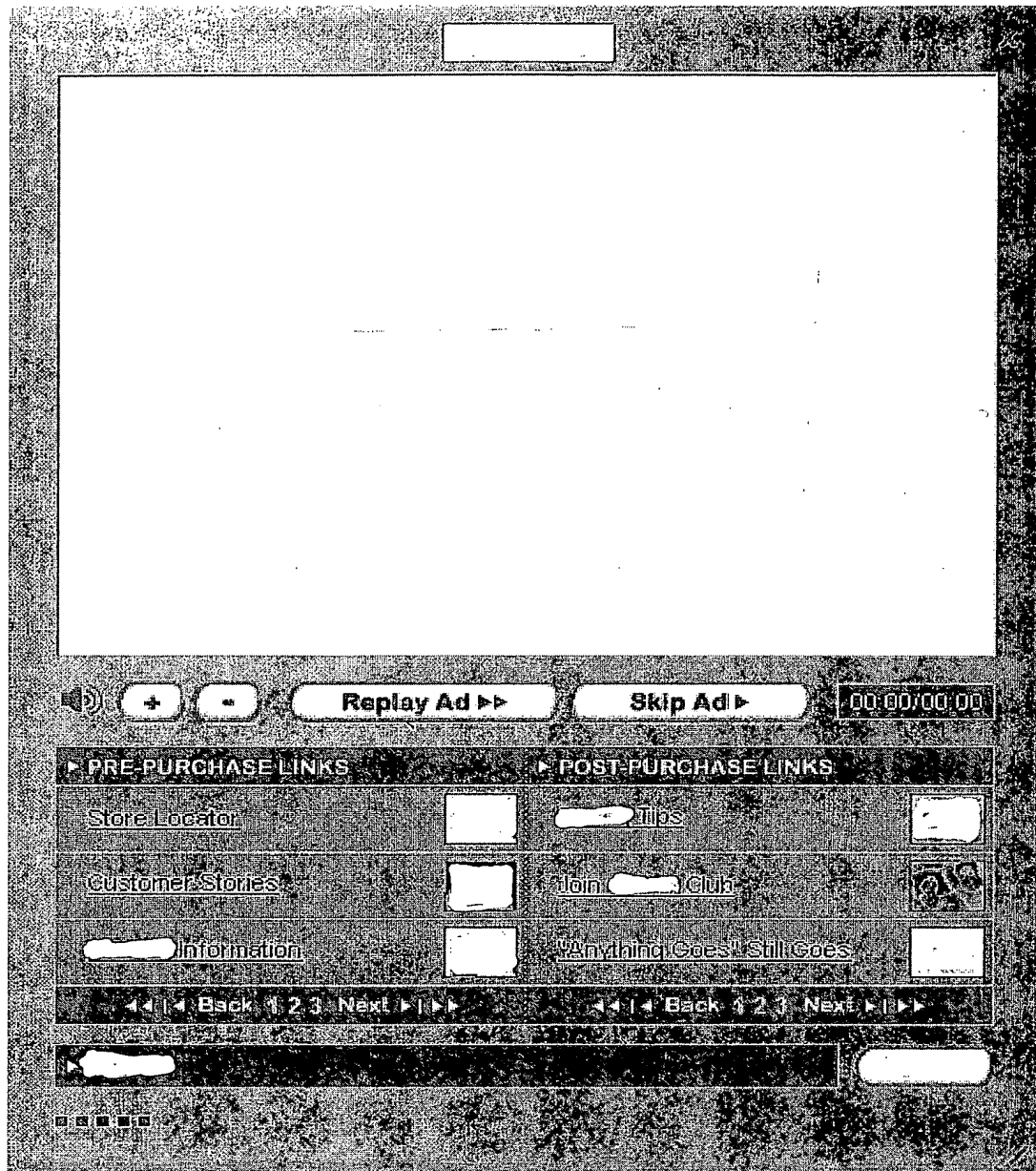


FIG. 49B3



Install Vendor-Specific Virtual Kiosks
Select Virtual Kiosks | License Agreement | Installation Location Information | Download Virtual Kiosk Tag

Standard Demonstration Mode

Download Virtual Kiosk Tags

Client Account: BRAND X | Client Account No: 7145001 | User Name: John Smith

The setup files for the following Vendor-Specific Virtual Kiosk(s) have been prepared. You have selected Vendor-Specific Virtual Kiosk(s) that are Launchable from the following environments.

Launch Environment	Selected	
HTML-Embedded Default Logo	✓	Download Kiosks
HTML-Embedded Document	X	Download Kiosks
HTML-Encoded Image	✓	Download Kiosks
HTML-Encoded Desktop Icon	✓	Download Kiosks

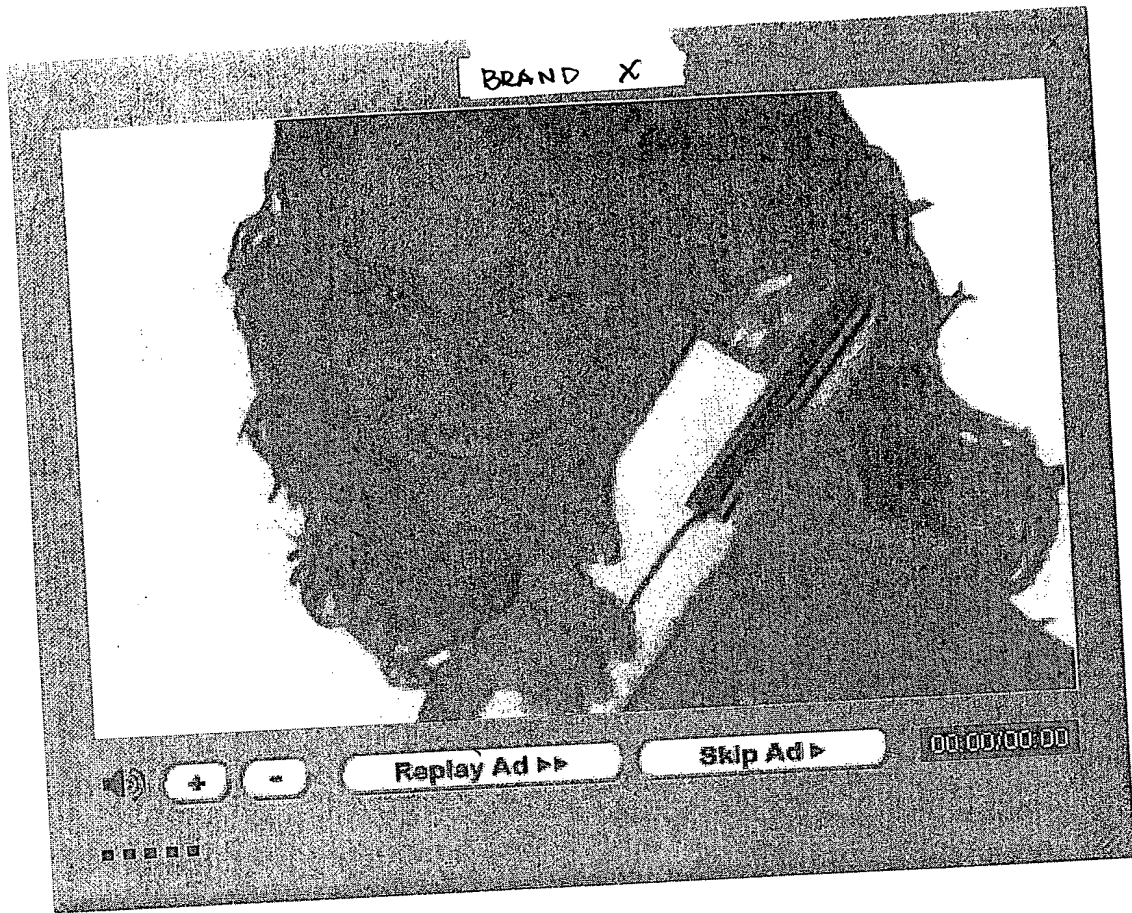


FIG. 49C1

VS-VK



FIG. 49C2

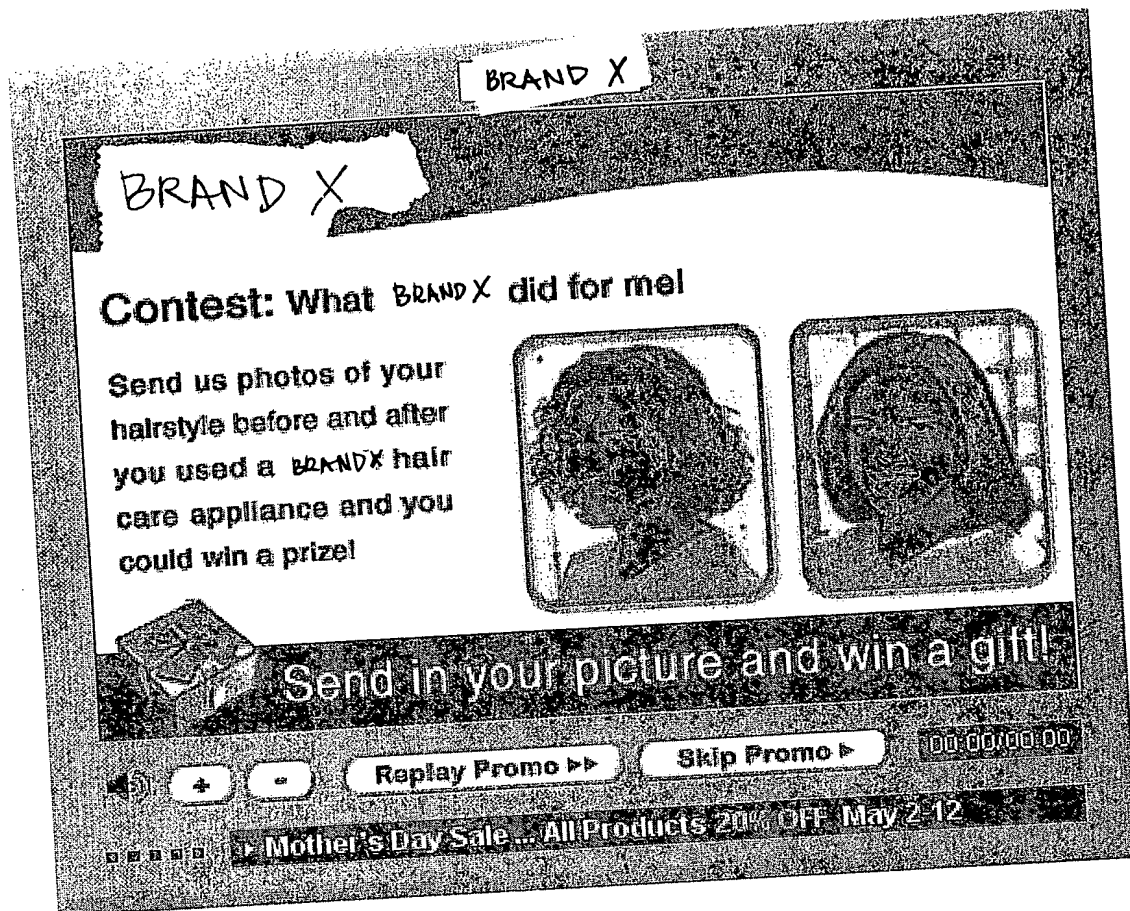


FIG. 49C3

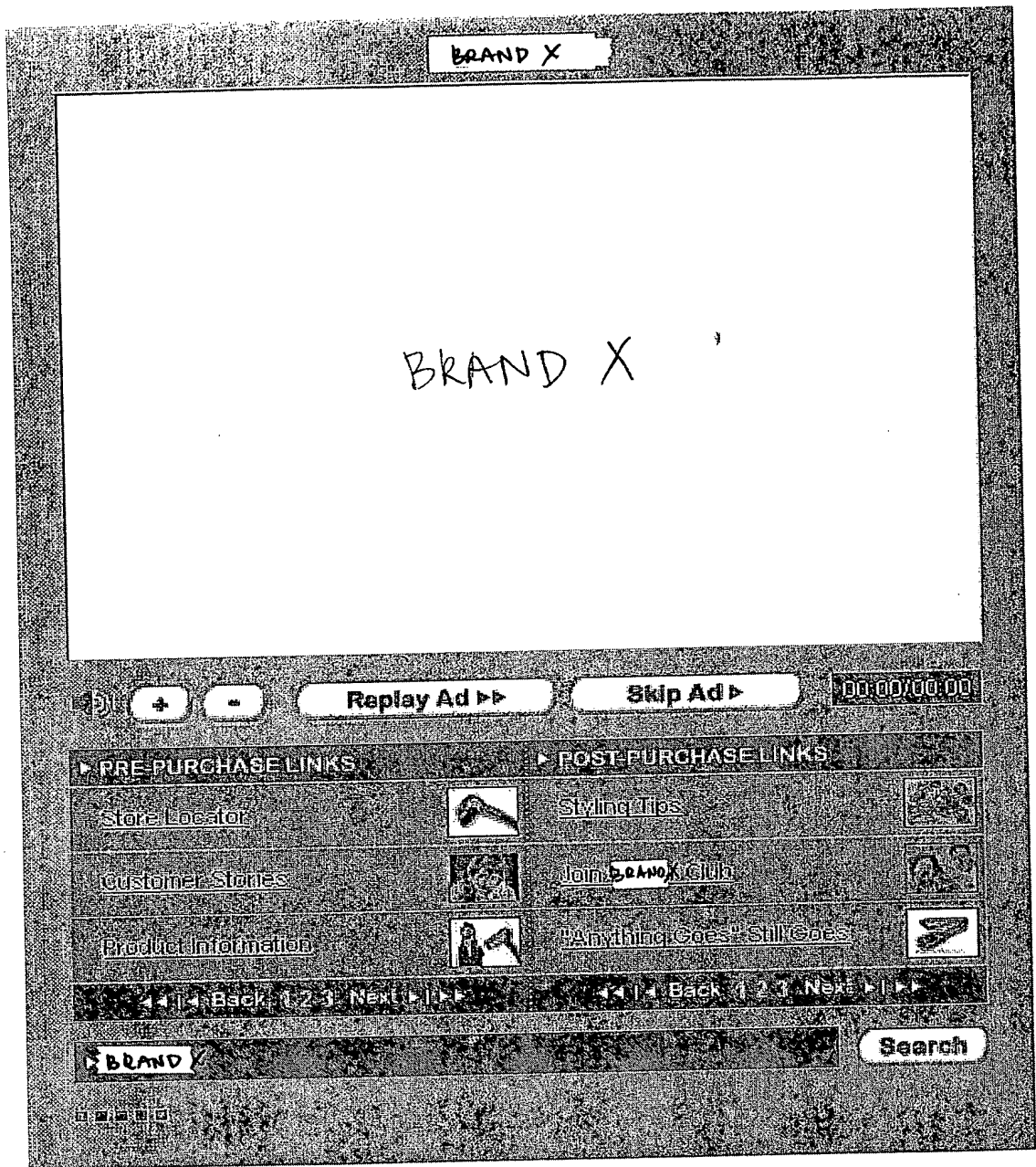


FIG. 4904

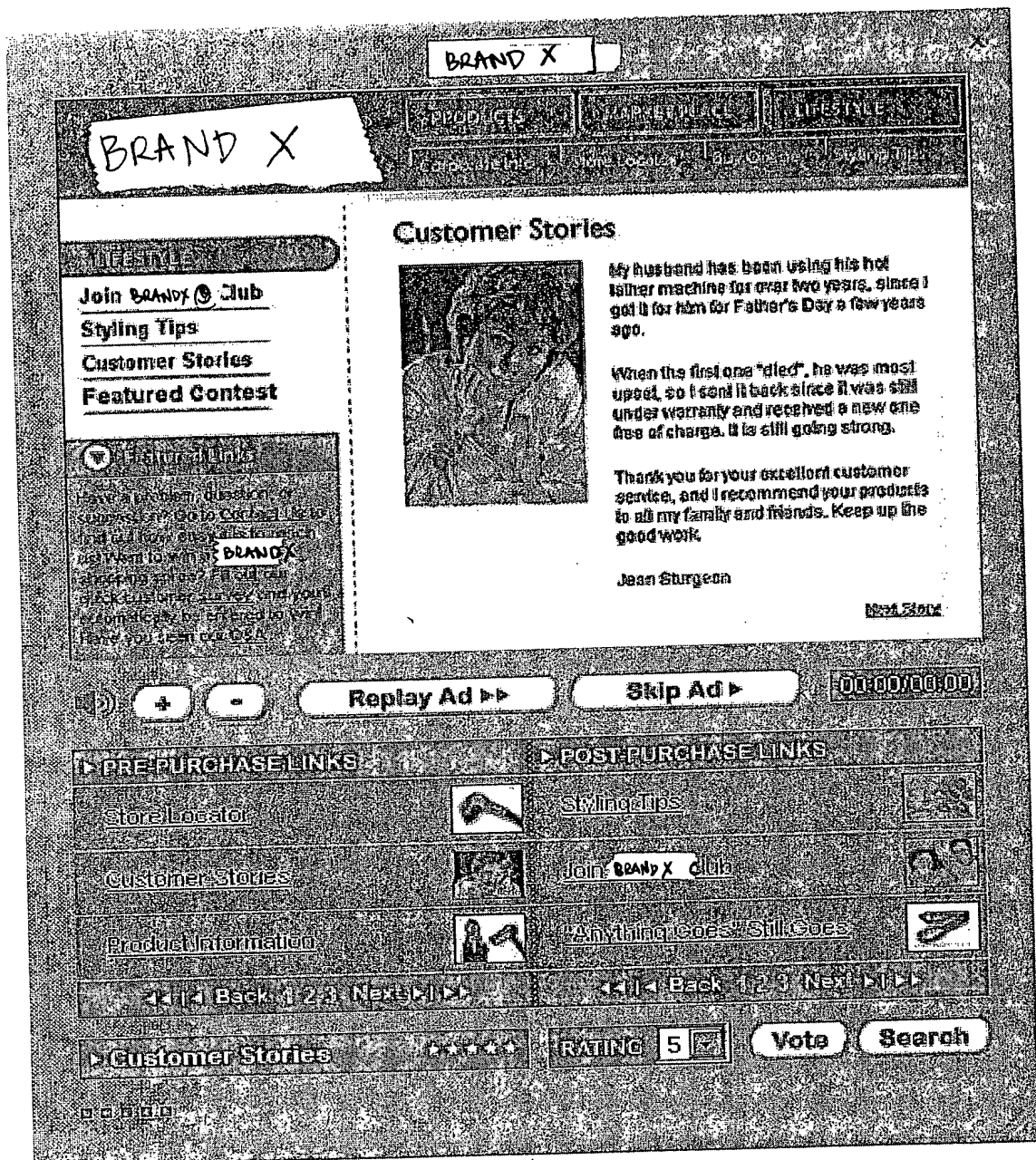


FIG. 99C5

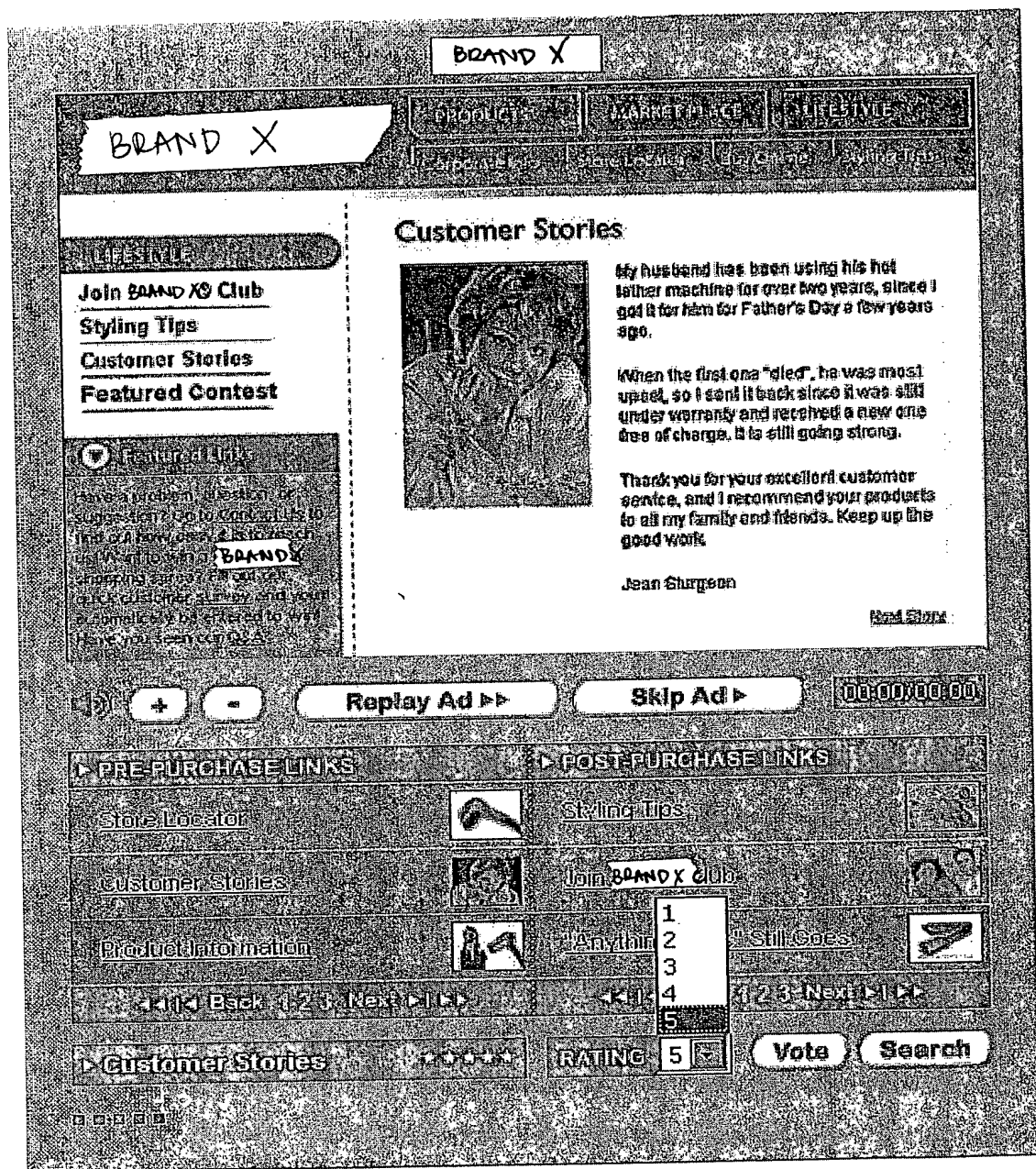


FIG. 49C6

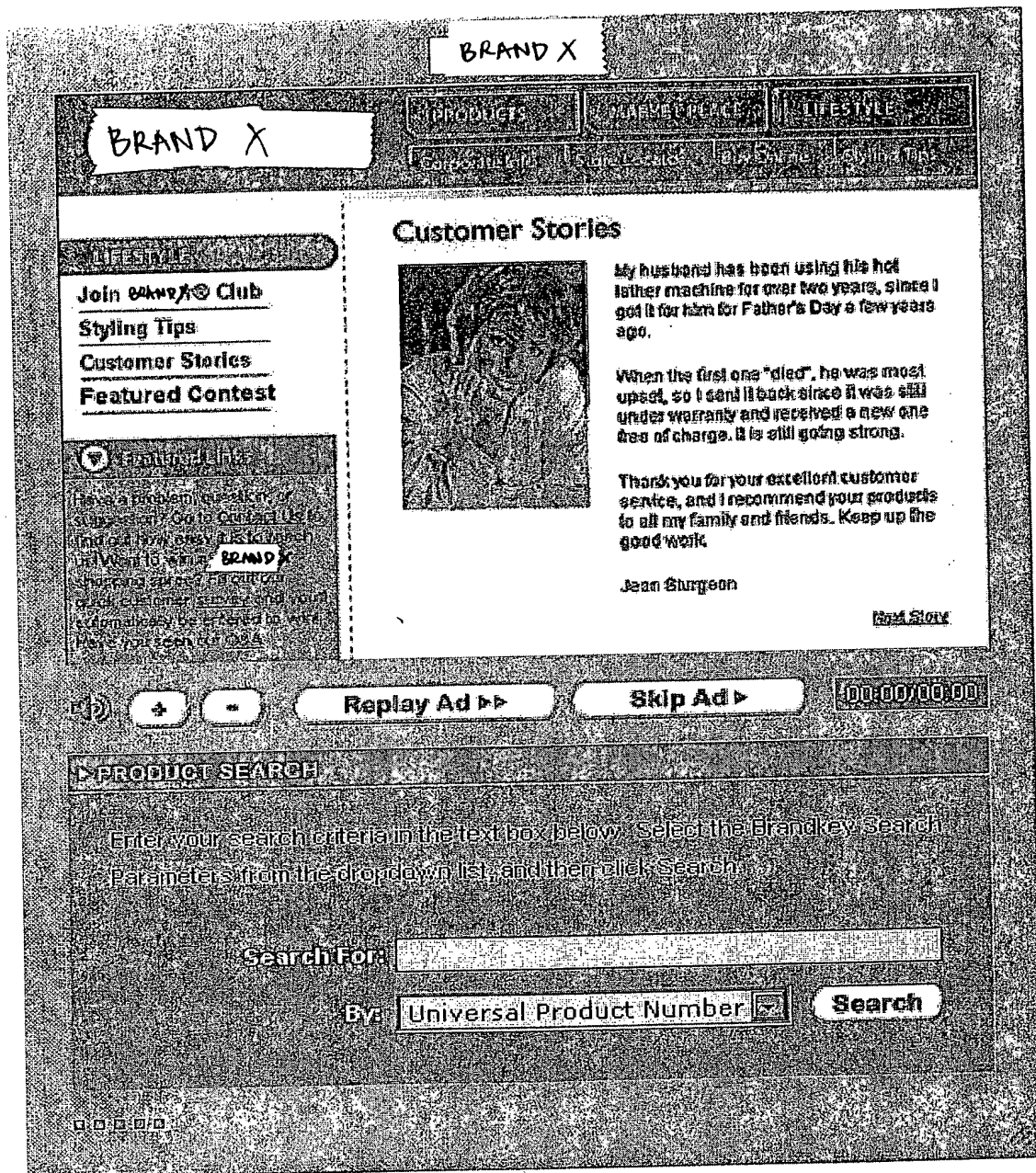


FIG. 49C7

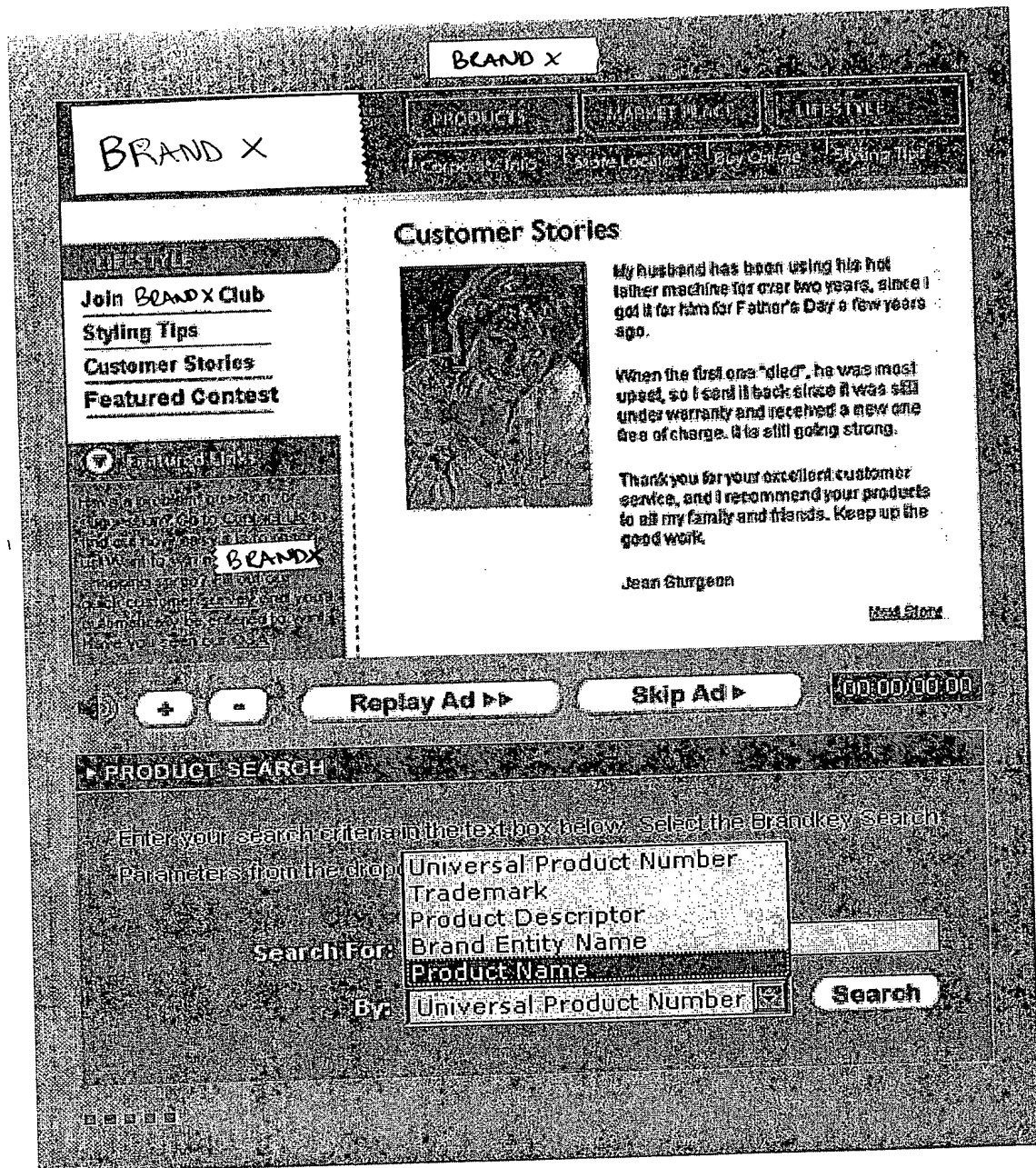


FIG. 49C8

BRAND X

BRAND X

PRODUCT
MARKET PLACE
LIFESTYLE


LIFESTYLE

[Join BRAND X Club](#)
[Styling Tips](#)
[Customer Stories](#)
[Featured Contest](#)

Painted Lips

Have a problem, question, or suggestion? Go to Contact Us to find out how we can assist you. We want to win a BRAND X shopping spree! Fill out our quick customer survey and your entry will be entered to win. Have you seen our ads?

Customer Stories



My husband has been using his hot leather machine for over two years, since I got it for him for Father's Day a few years ago.

When the first one "died", he was most upset, so I got it back since it was still under warranty and received a new one free of charge. It is still going strong.

Thank you for your excellent customer service, and I recommend your products to all my family and friends. Keep up the good work.

Jean Sturgeon

⏮ + - ▶▶ Replay Ad ▶▶ Skip Ad ▶▶ 00:00/00:00

UPN	TRADE MARK	PRODUCT DESCRIPTOR	PRODUCT NAME
123456789011	BRAND X	The Metal Pro 1875 Hair Dryer	BRAND X Metal Pro 1875
123456789012	BRAND X	Super Quiet™ Hair Dryer	BRAND X Super Quiet™
123456789013	BRAND X	Ion Shine Hair Dryer	BRAND X Ion Shine

⏮ Back
Next ⏭
Search

FIG. 49C9

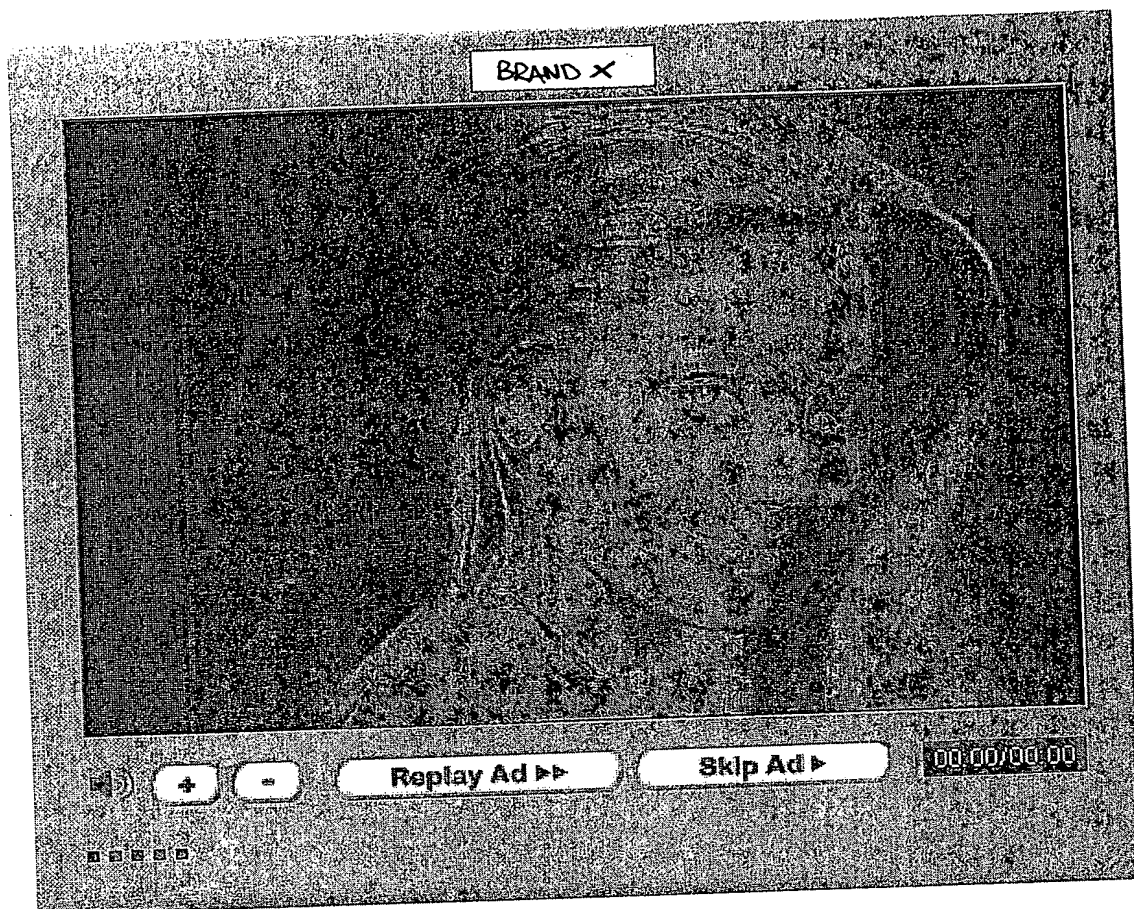


FIG. 49C10

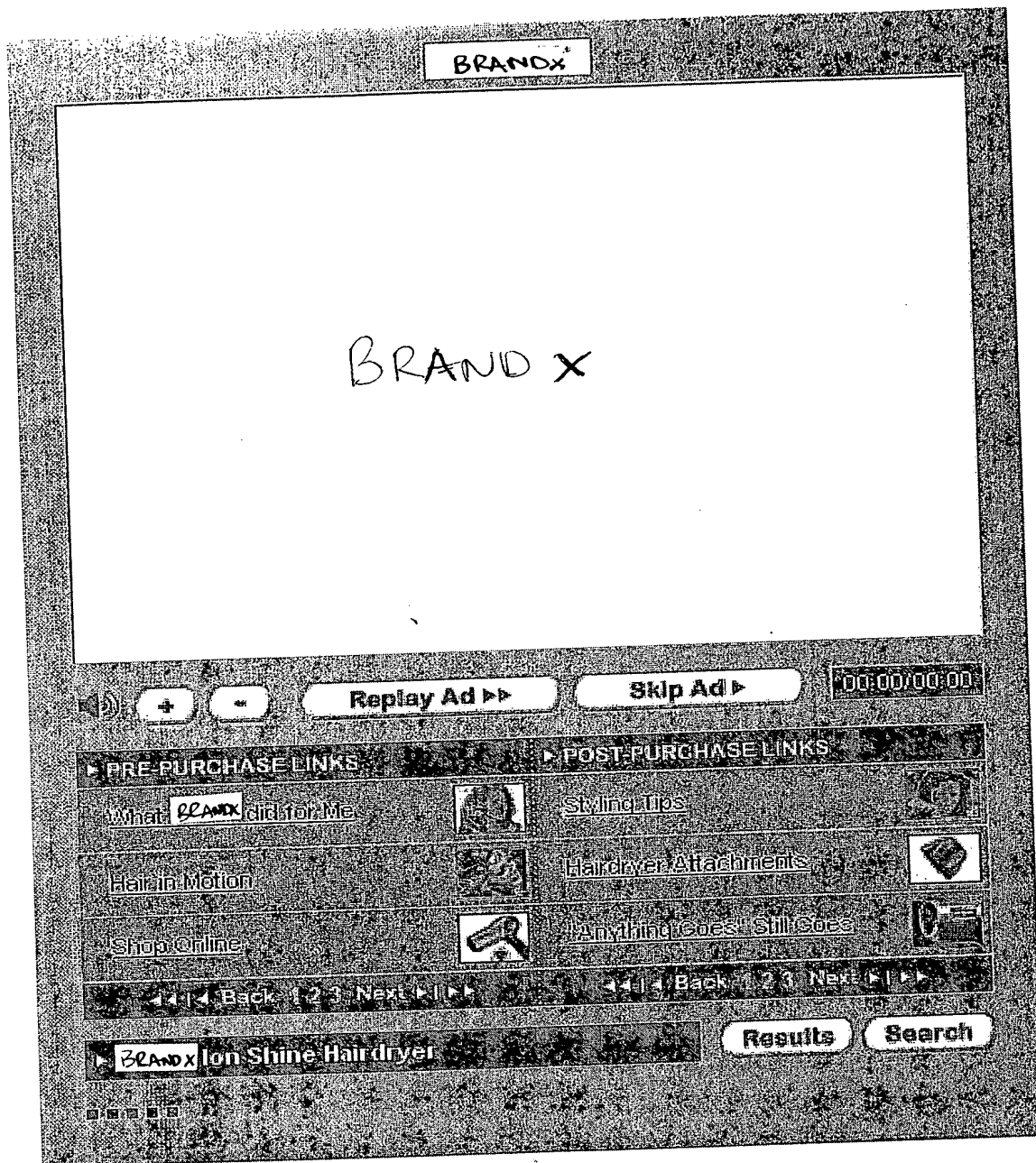


FIG. 49C11

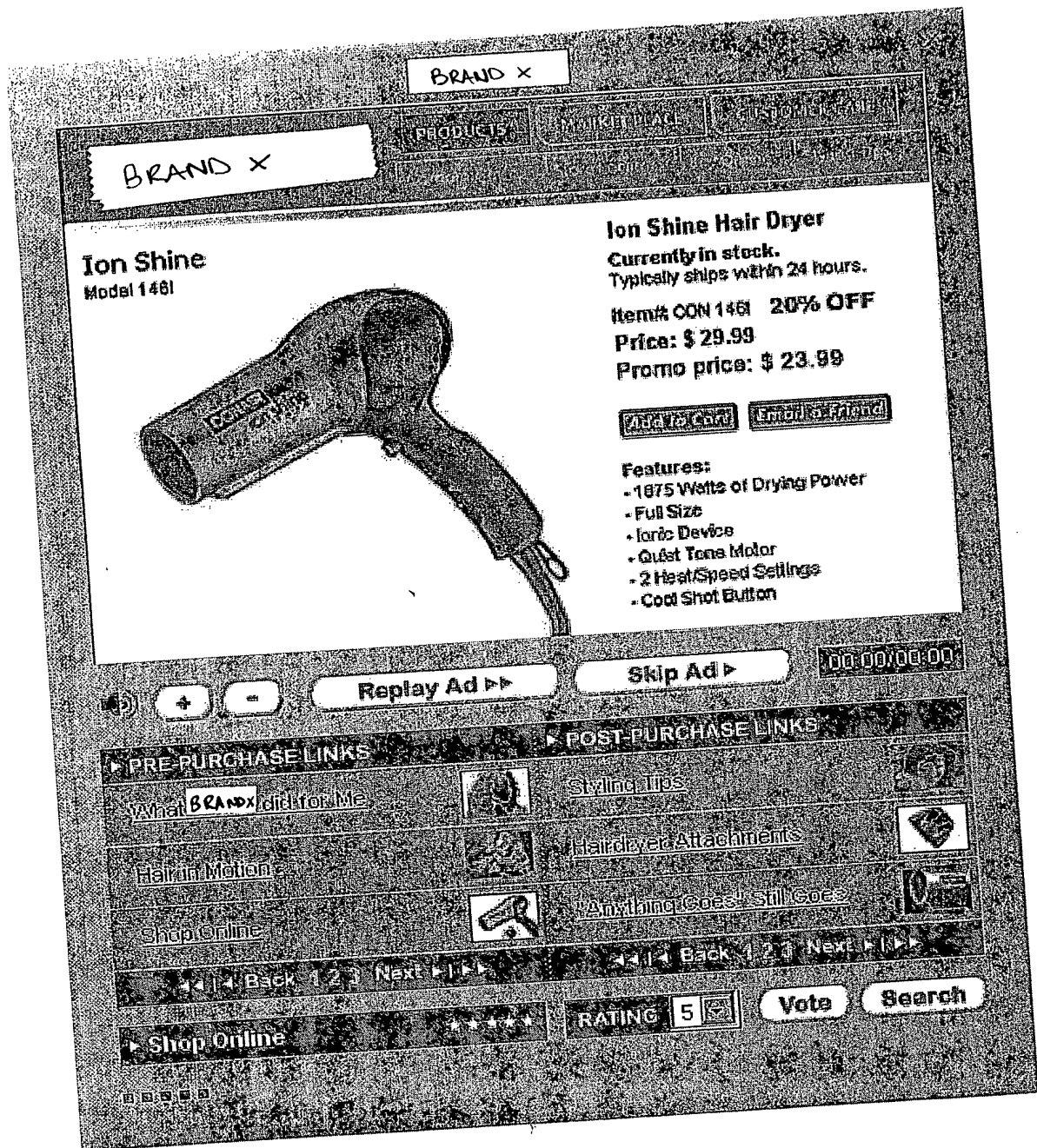


FIG. 49C12



Install Service-Provider-Specific Virtual Kiosks

Select Virtual Kiosk License Agreement Installation Location Information Download Virtual Kiosk Tag

Standard Demonstration Mode

Download Virtual Kiosk Tags

Client Account: **BRANDY** Client Account No: 7145001 User Name: John Smith

The setup files for the following Service-Provider-Specific Virtual Kiosk(s) have been prepared. You have selected Service-Provider-Specific Virtual Kiosk(s) that are Launchable from the following environments.

Launch Environment	Selected	
HTML-Embedded Default Logo	✓	Download Kiosks
HTML-Embedded Document	x	Download Kiosks
--HTML-Encoded Image	✓	Download Kiosks
HTML-Encoded Desktop Icon	✓	Download Kiosks

FIG. 49D

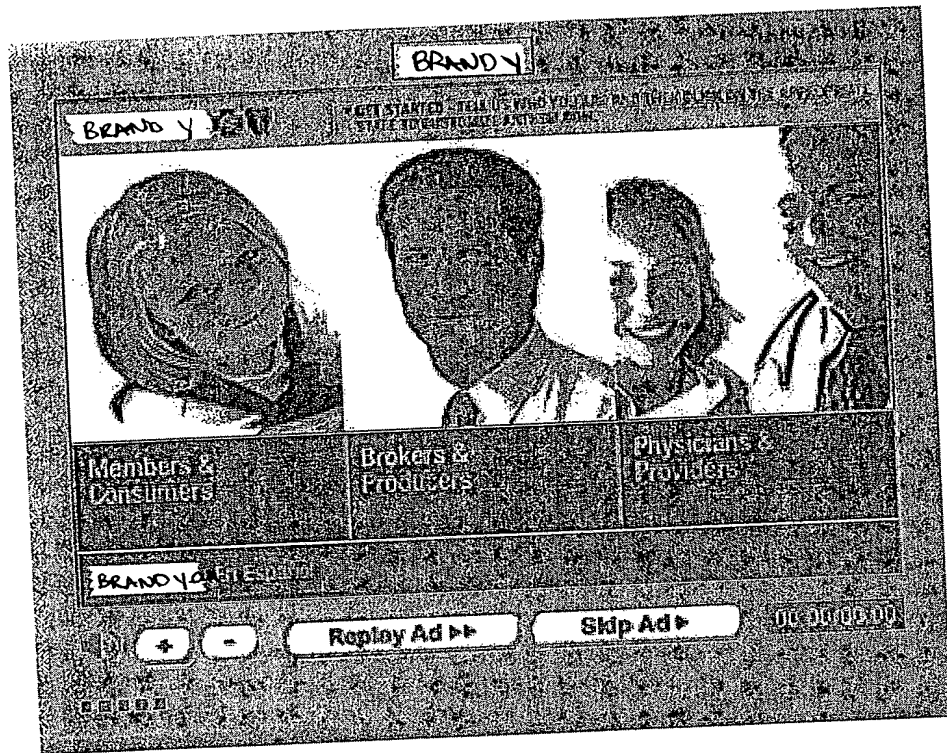


FIG. 49E1

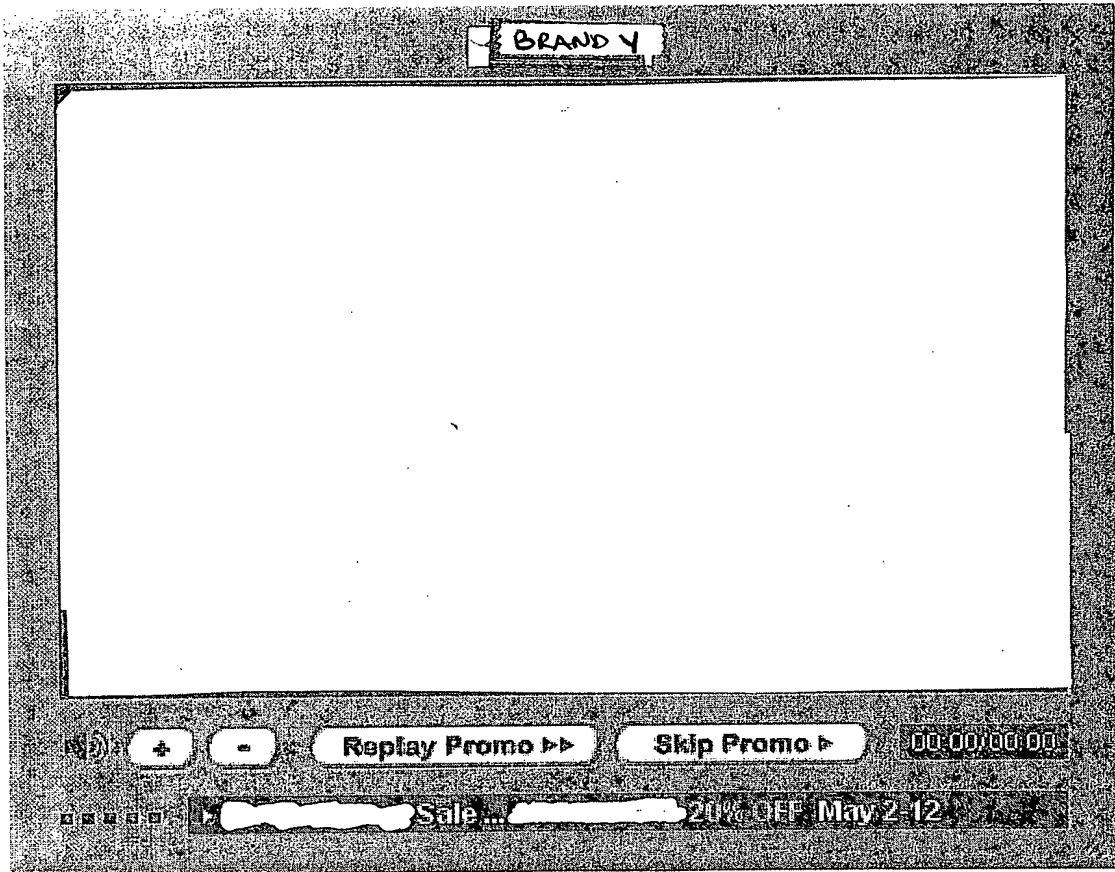


FIG. 49E2

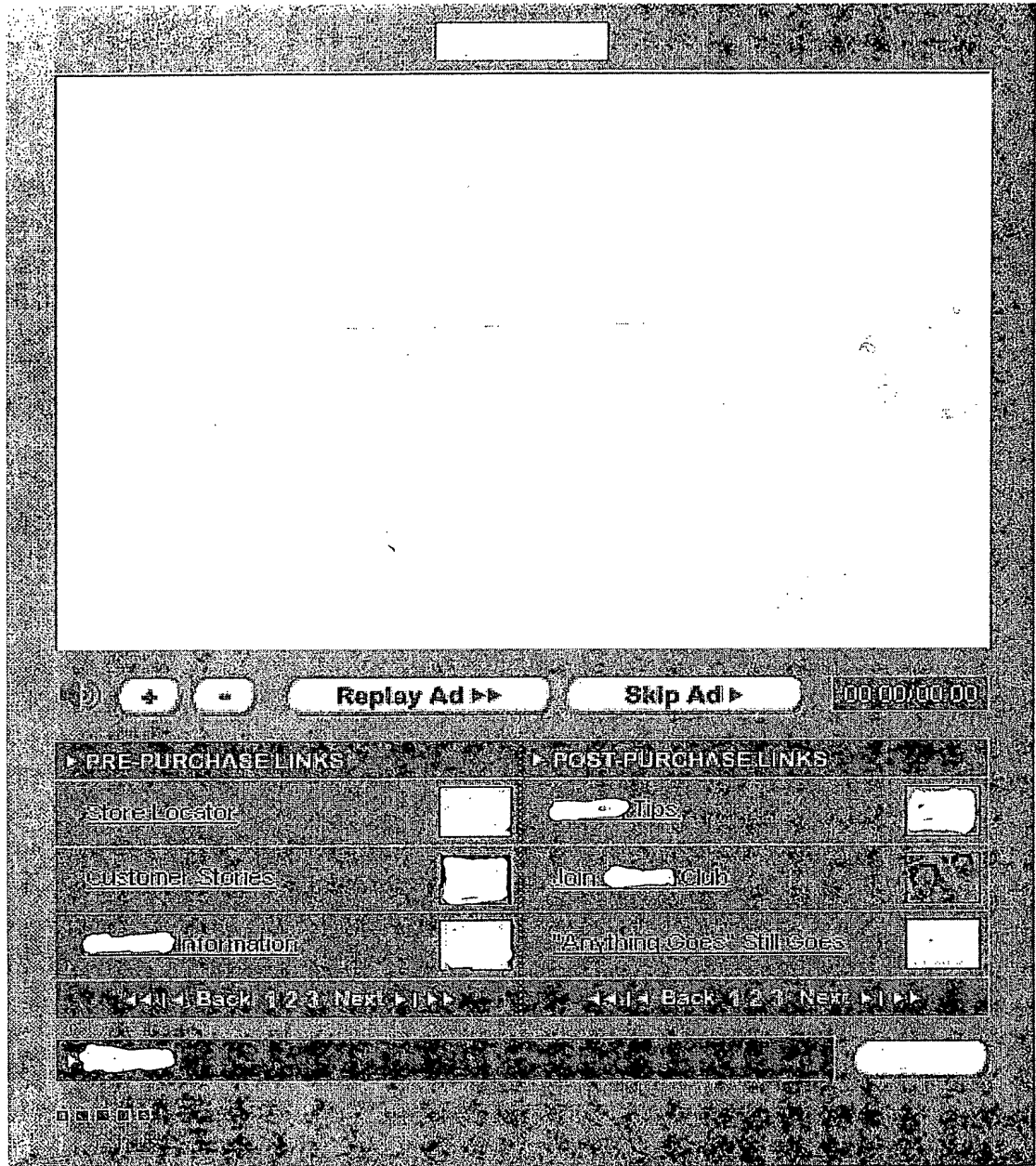


FIG. 49E3

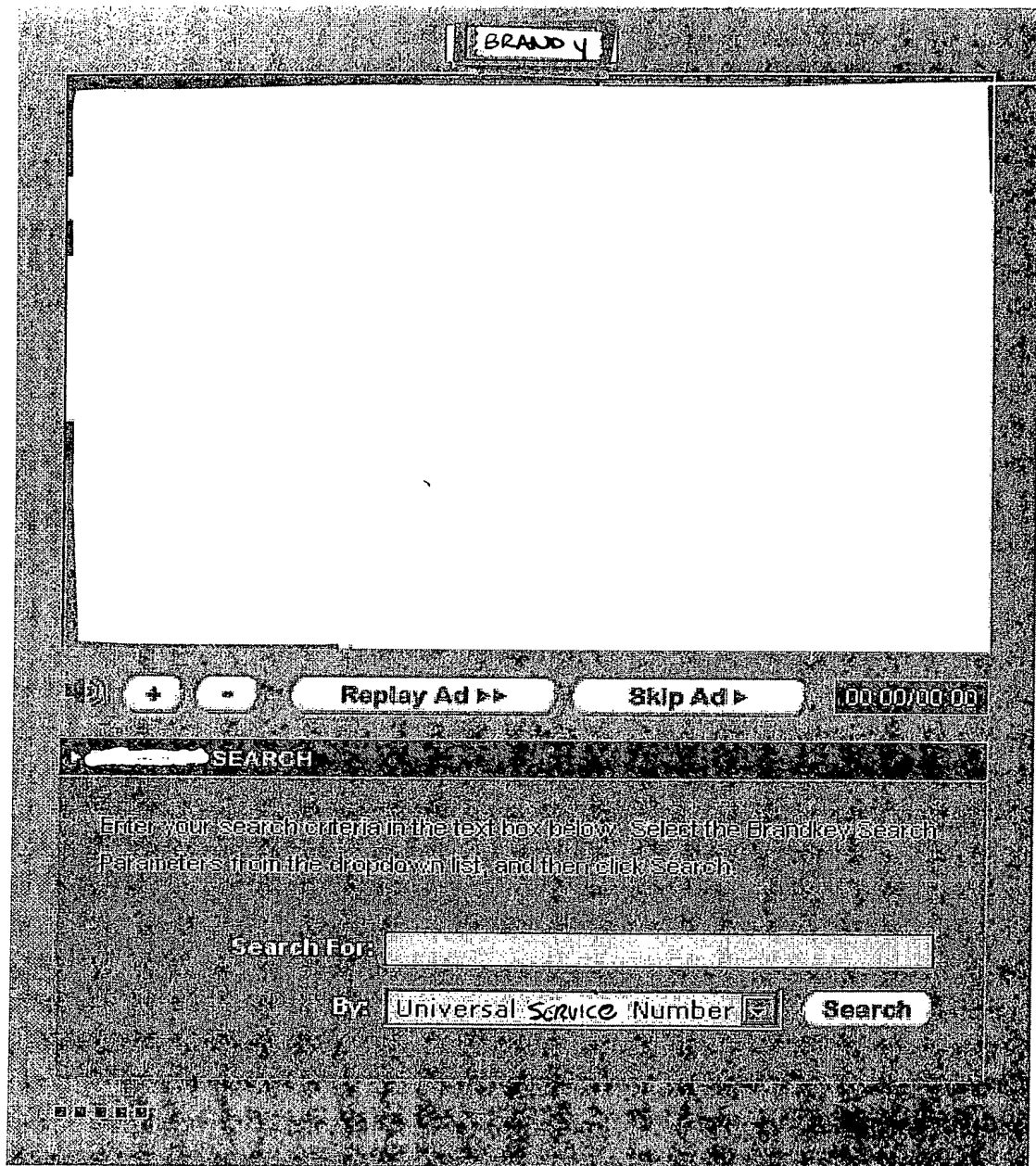


FIG. 99E4



Install Retailer-Specific Virtual Kiosks
Select Virtual Kiosks | License Agreement | Installation Location Information | Download Virtual Kiosk Tag

Standard Demonstration Mod

Download Virtual Kiosk Tags

Client Account: DISNEY | Client Account No: 7145001 | User Name: John Smith

The setup files for the selected Retailer-Specific Virtual Kiosk(s) have been prepared. You have selected Retailer-Specific Virtual Kiosk(s) that are Launchable from the following environments.

Launch Environment	Selected	
HTML-Embedded Default Logo	✓	Download Tags
HTML-Embedded Document	x	Download Tags
HTML-Encoded Image	✓	Download Tags
HTML-Encoded Desktop Icon	✓	Download Tags

Fig. 49 F

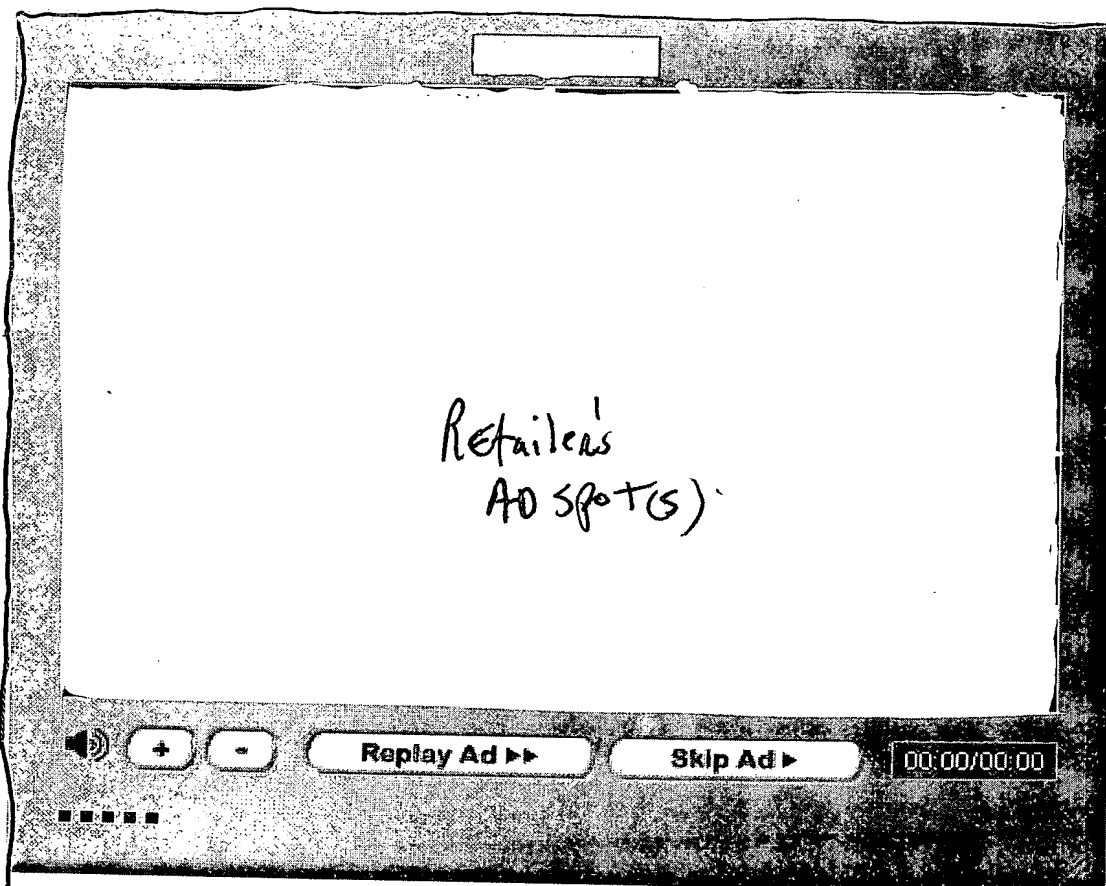


FIG. 496A

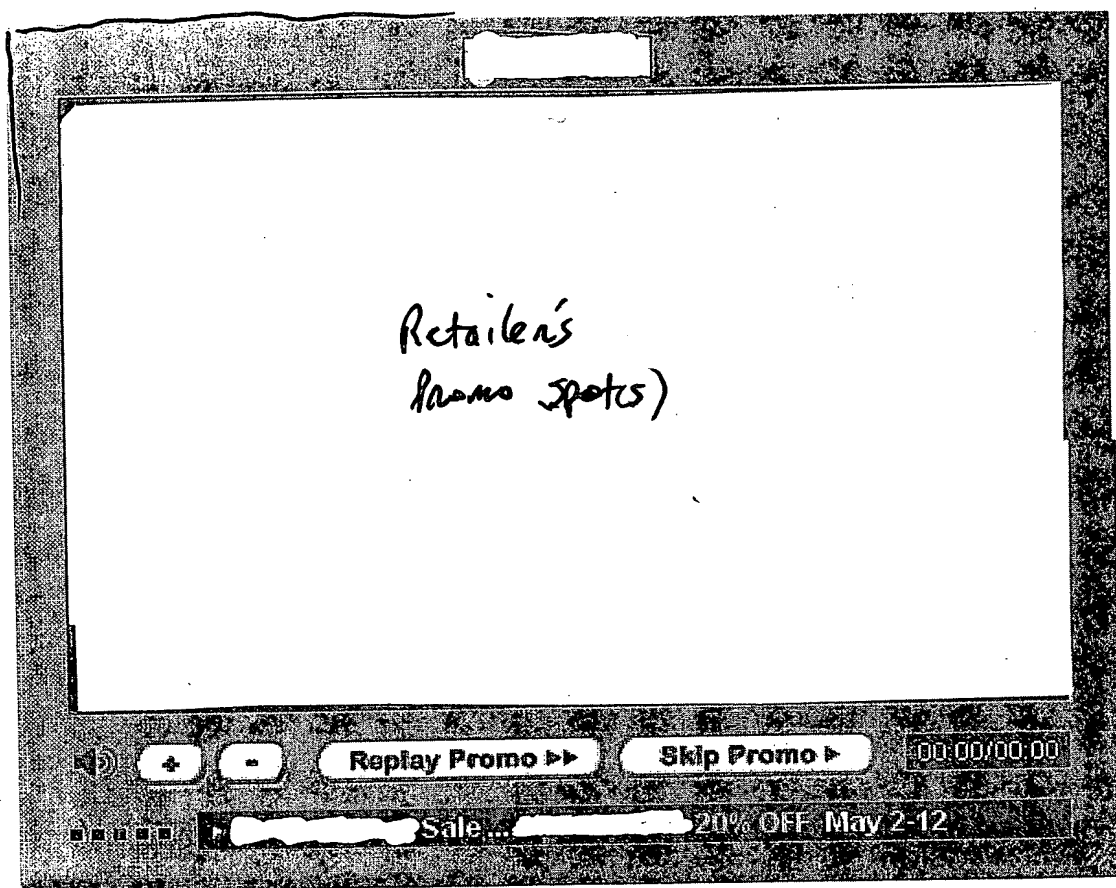


FIG. 49G2

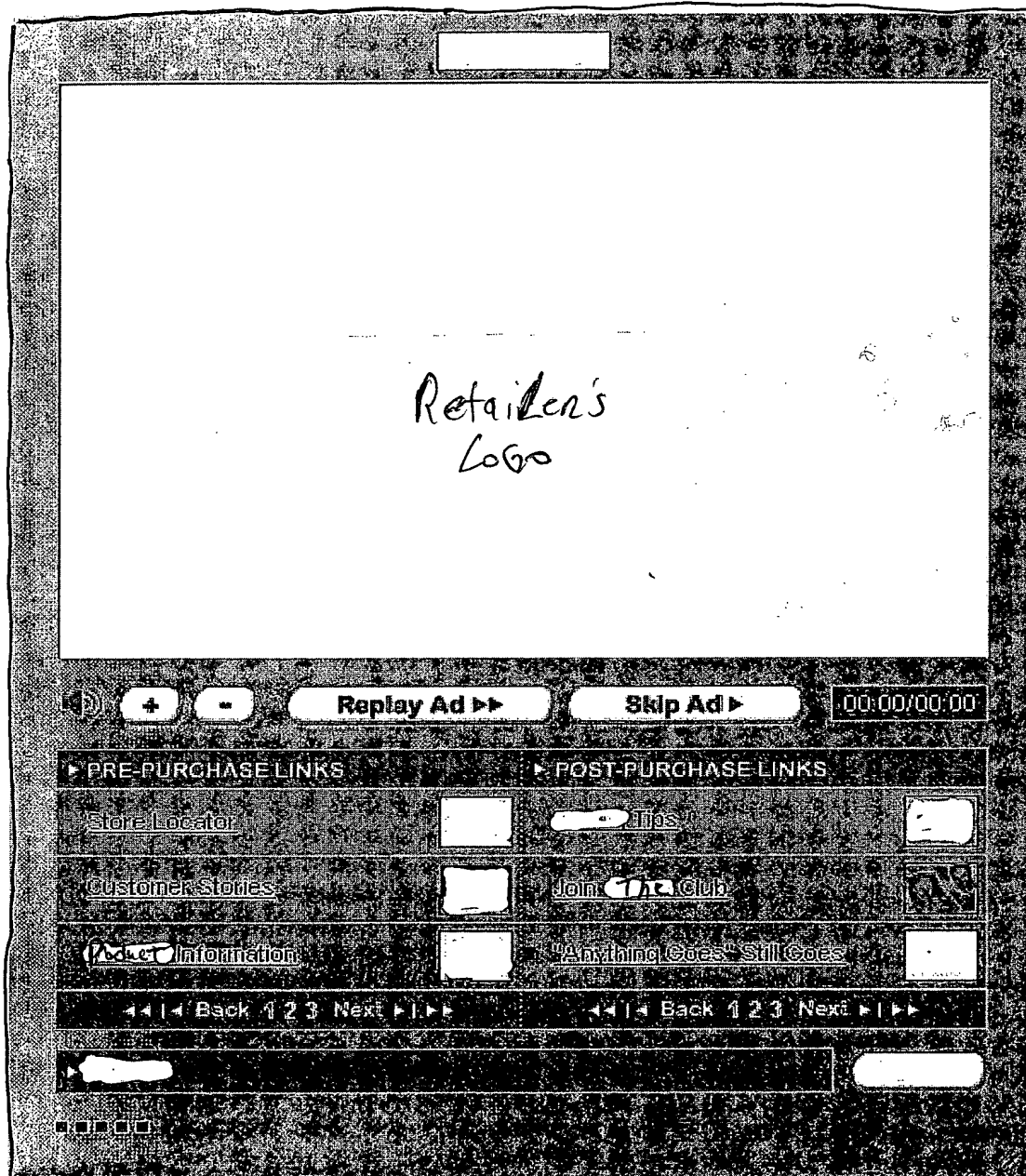


FIG. 4963

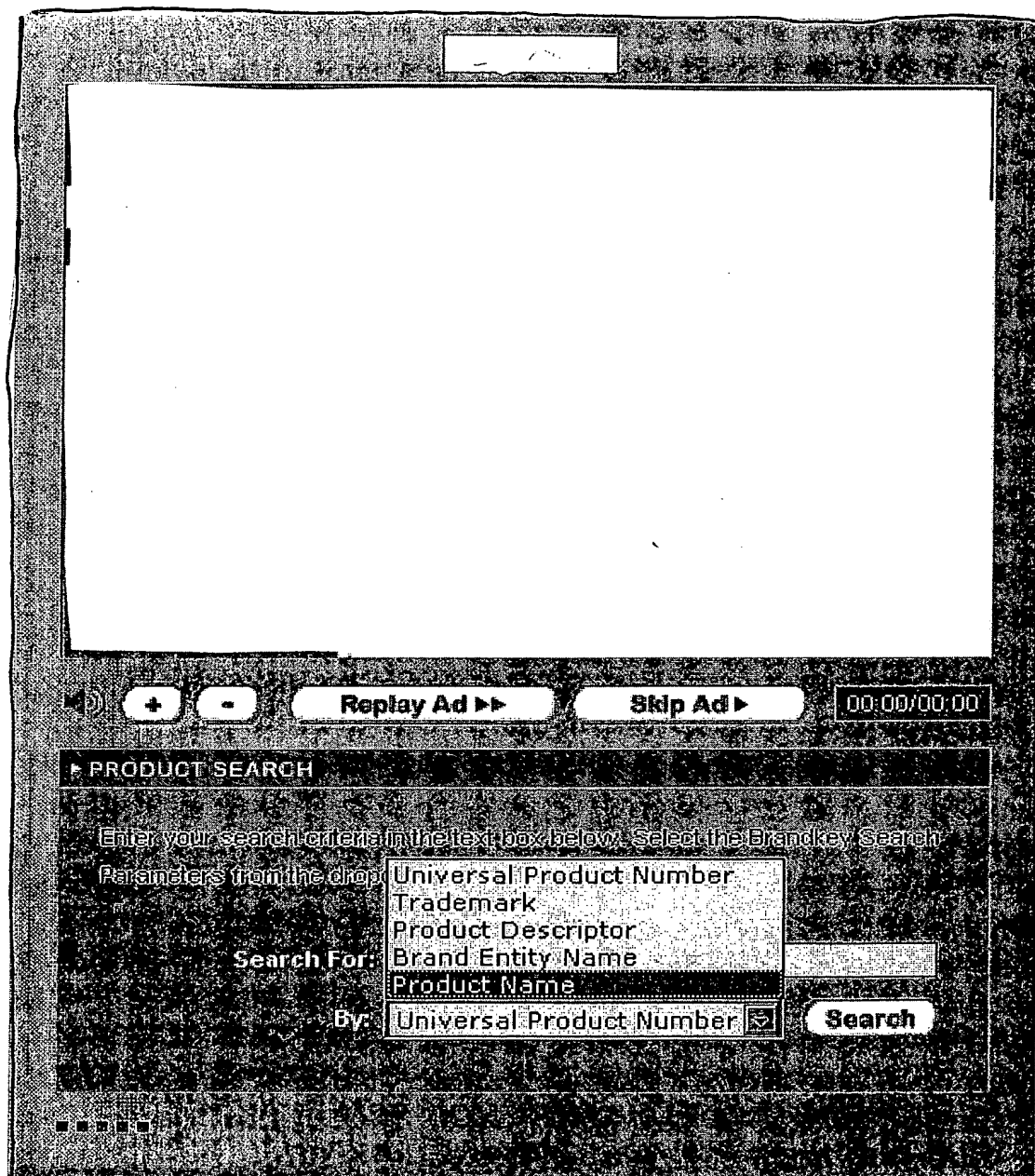


FIG. 49G4

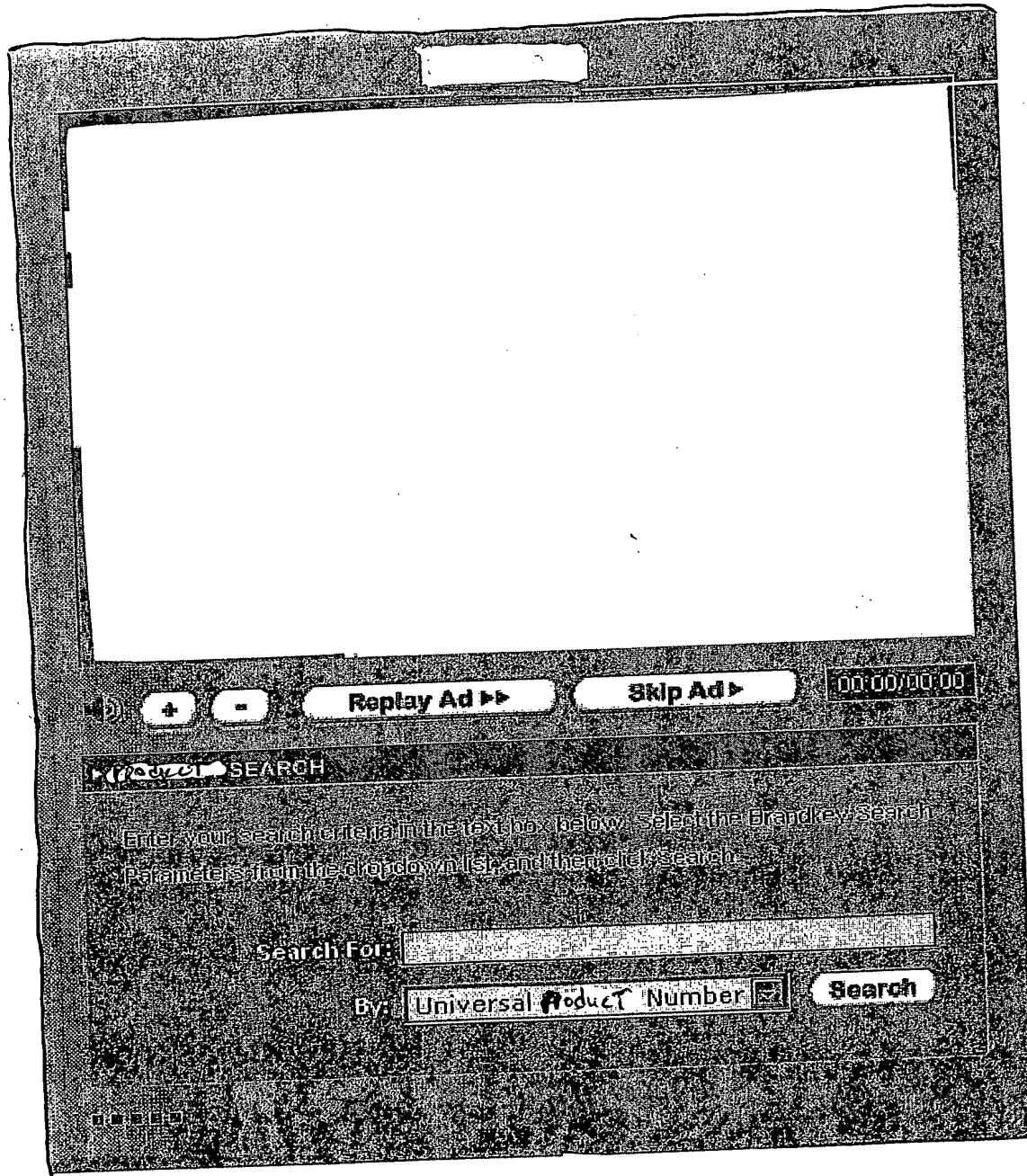


FIG. 4965

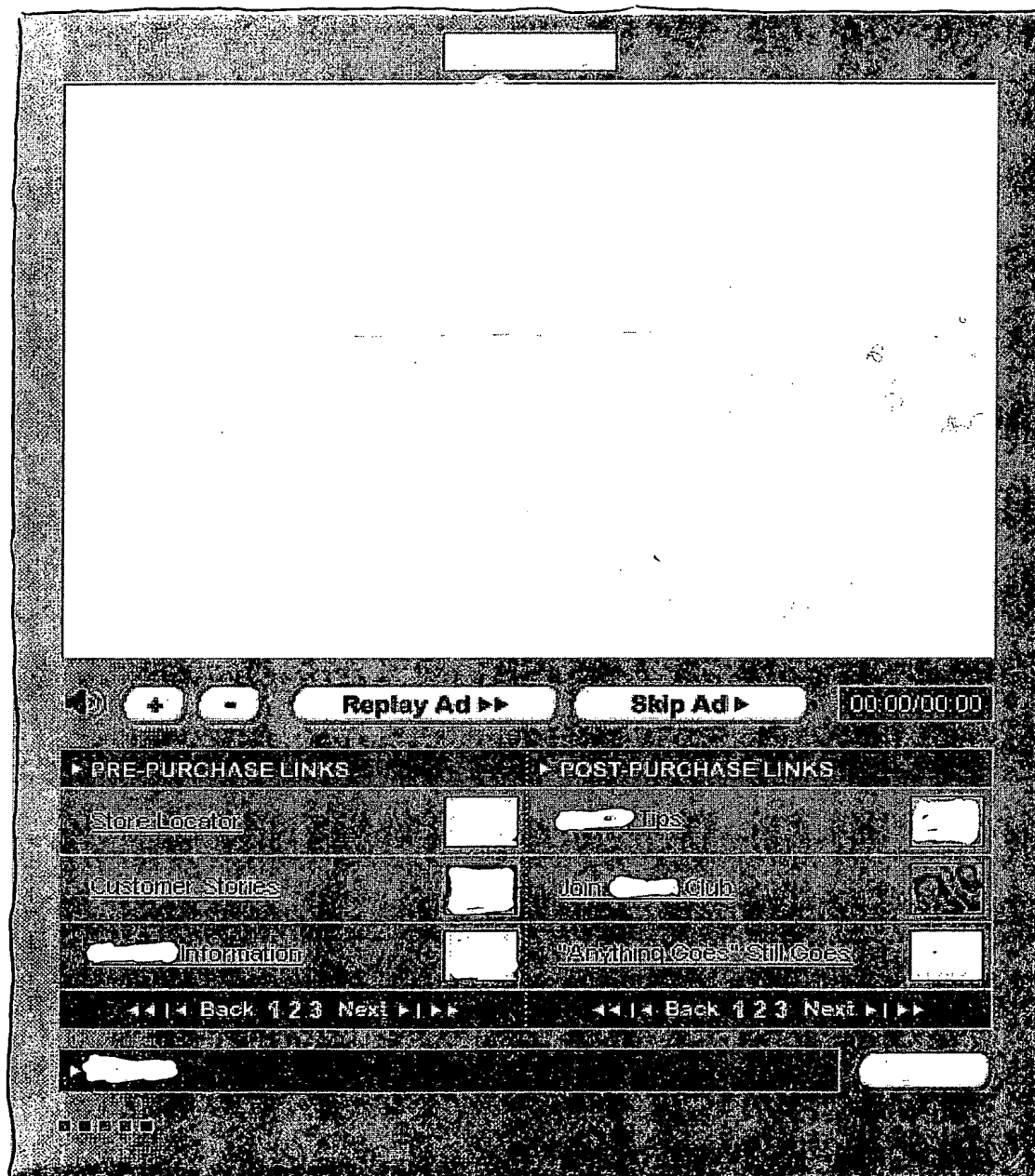


FIG. 49G6



Install Industry-Specific Virtual Kiosks
Select Virtual Kiosks | License Agreement | Installation Location Information | Download Virtual Kiosk Tag

Standard Demonstration Mode

Download Virtual Kiosk Tags

Client Account: DISNEY | Client Account No: 7145001 | User Name: John Smith

The setup files for the selected Industry-Specific Virtual Kiosk(s) have been prepared. You have selected Industry-Specific Virtual Kiosk(s) that are Launchable from the following environments.

Launch Environment	Selected	
HTML-Embedded Default Logo	✓	Download Tags
HTML-Embedded Document	x	Download Tags
HTML-Encoded Image	✓	Download Tags
HTML-Encoded Desktop Icon	✓	Download Tags

Fig. 49.H

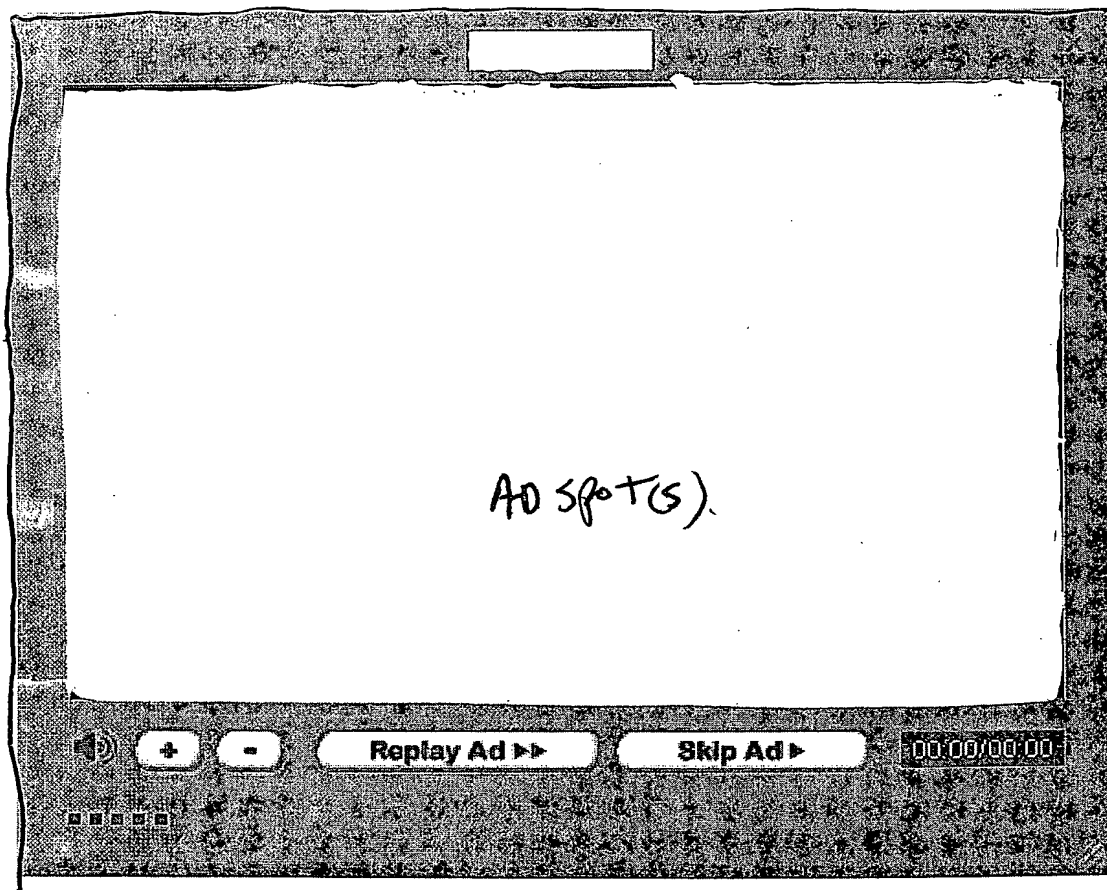


FIG. 49I1

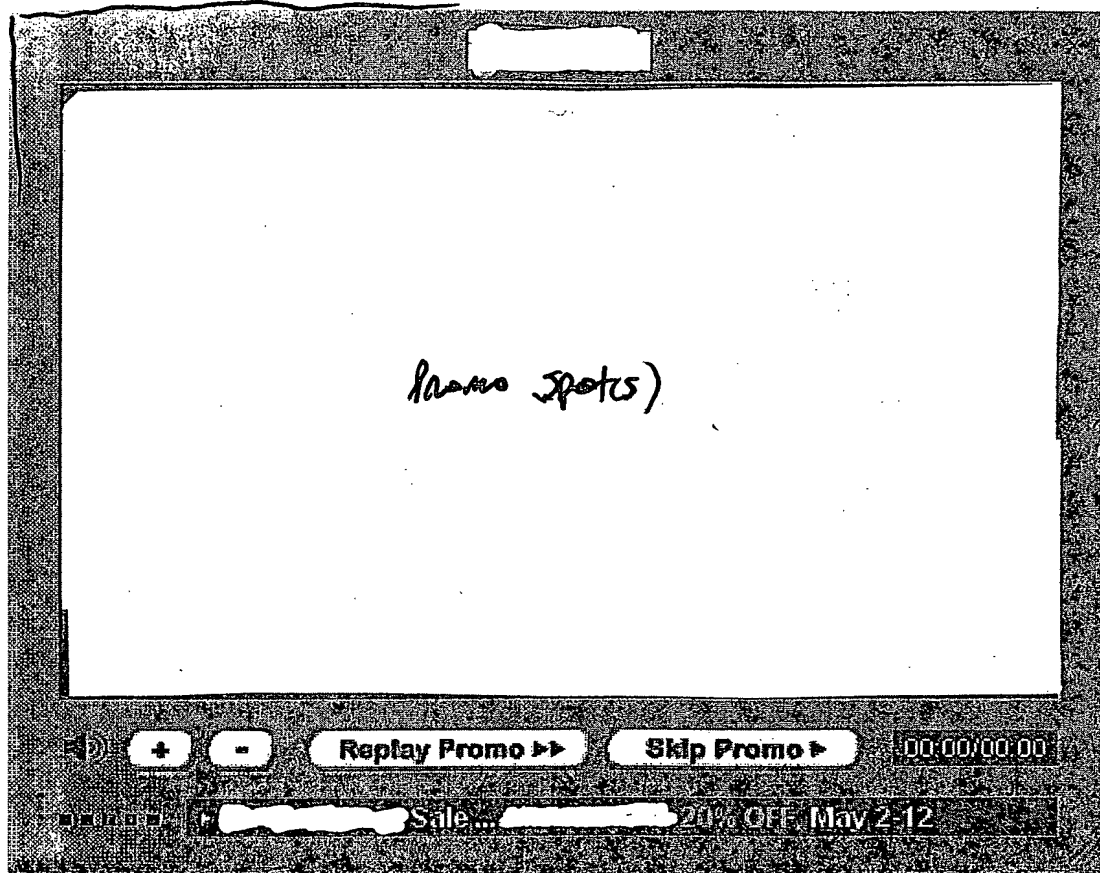


FIG. 49I 2

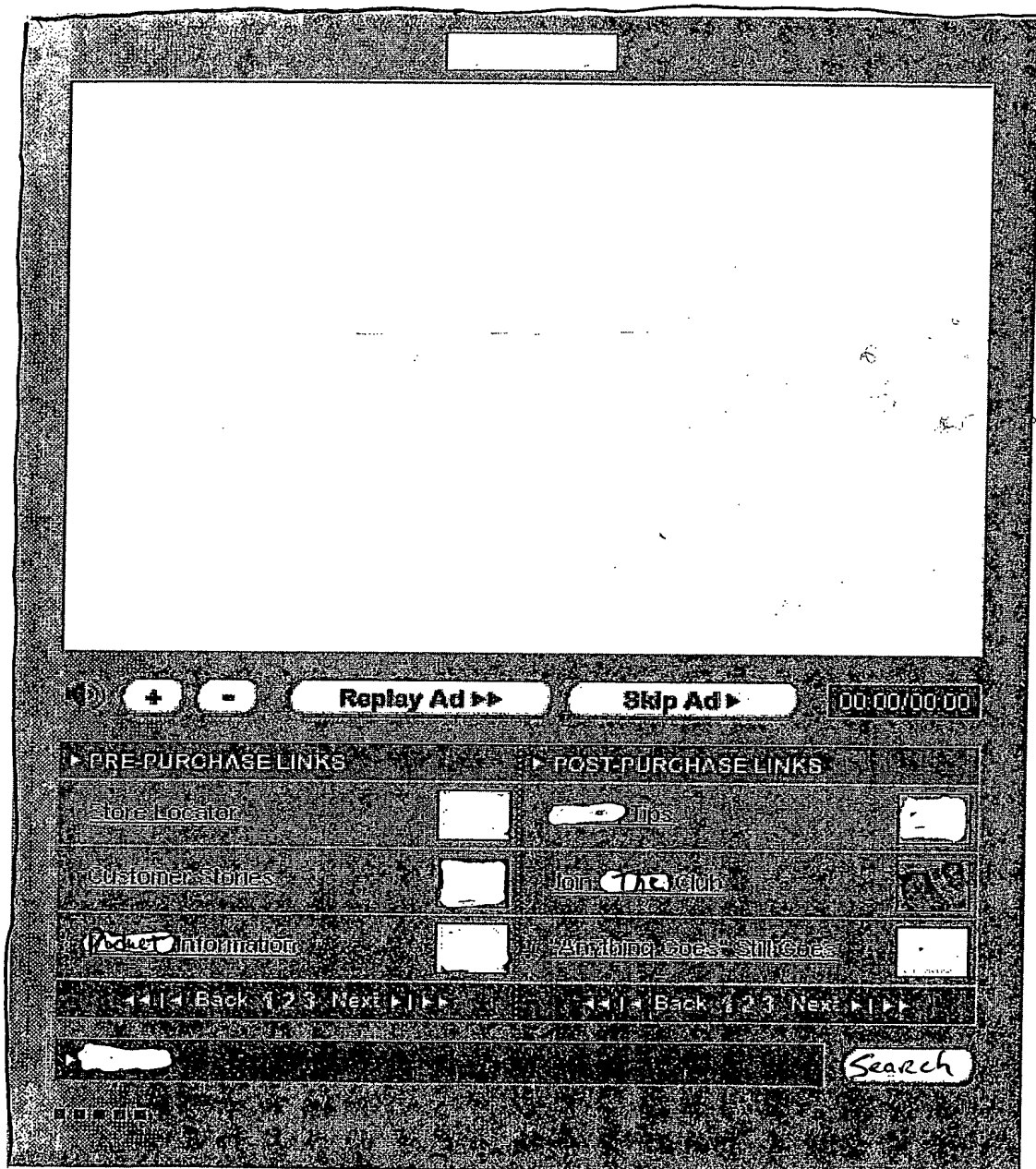


FIG. 49I3

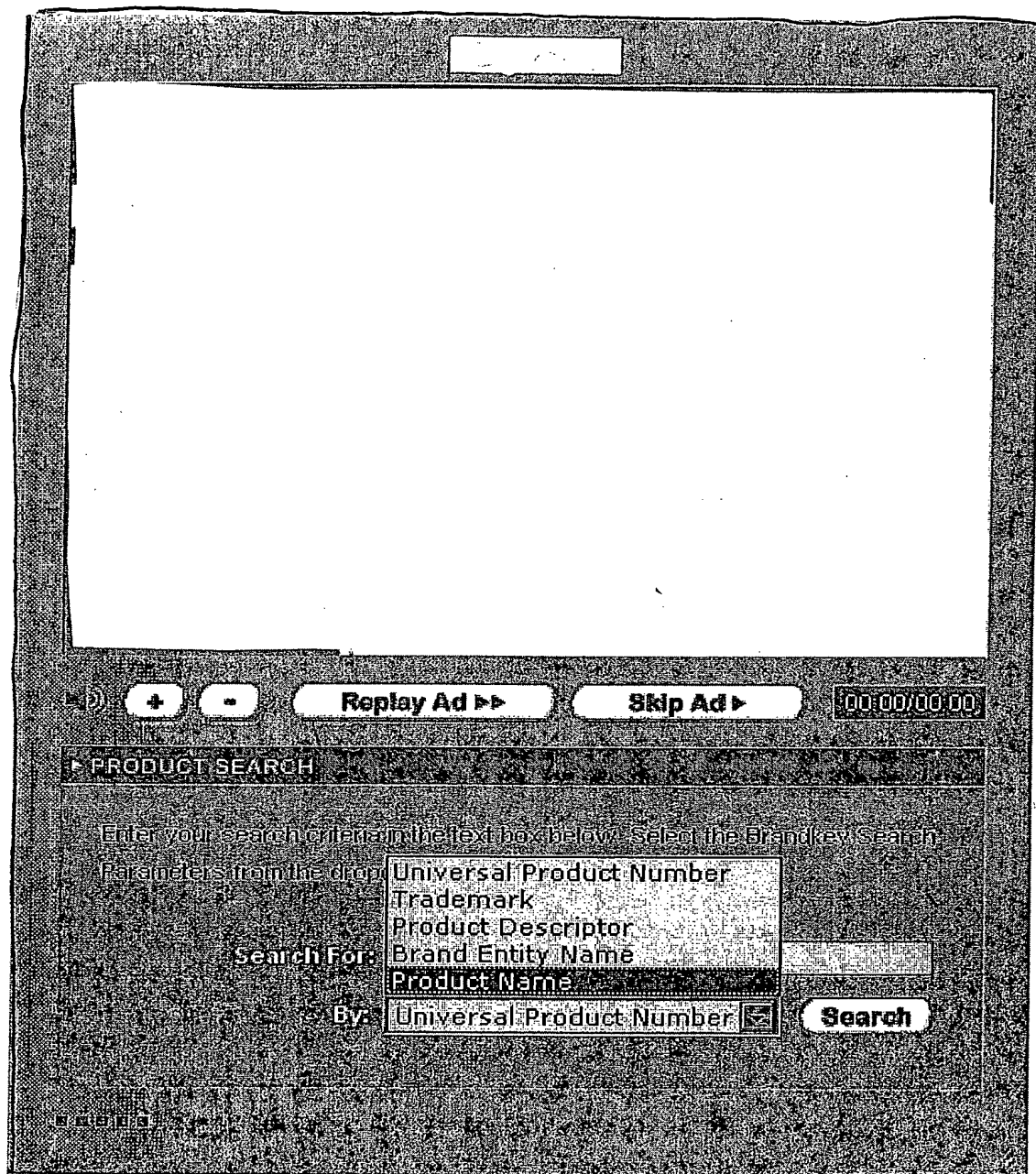


FIG. 49I4

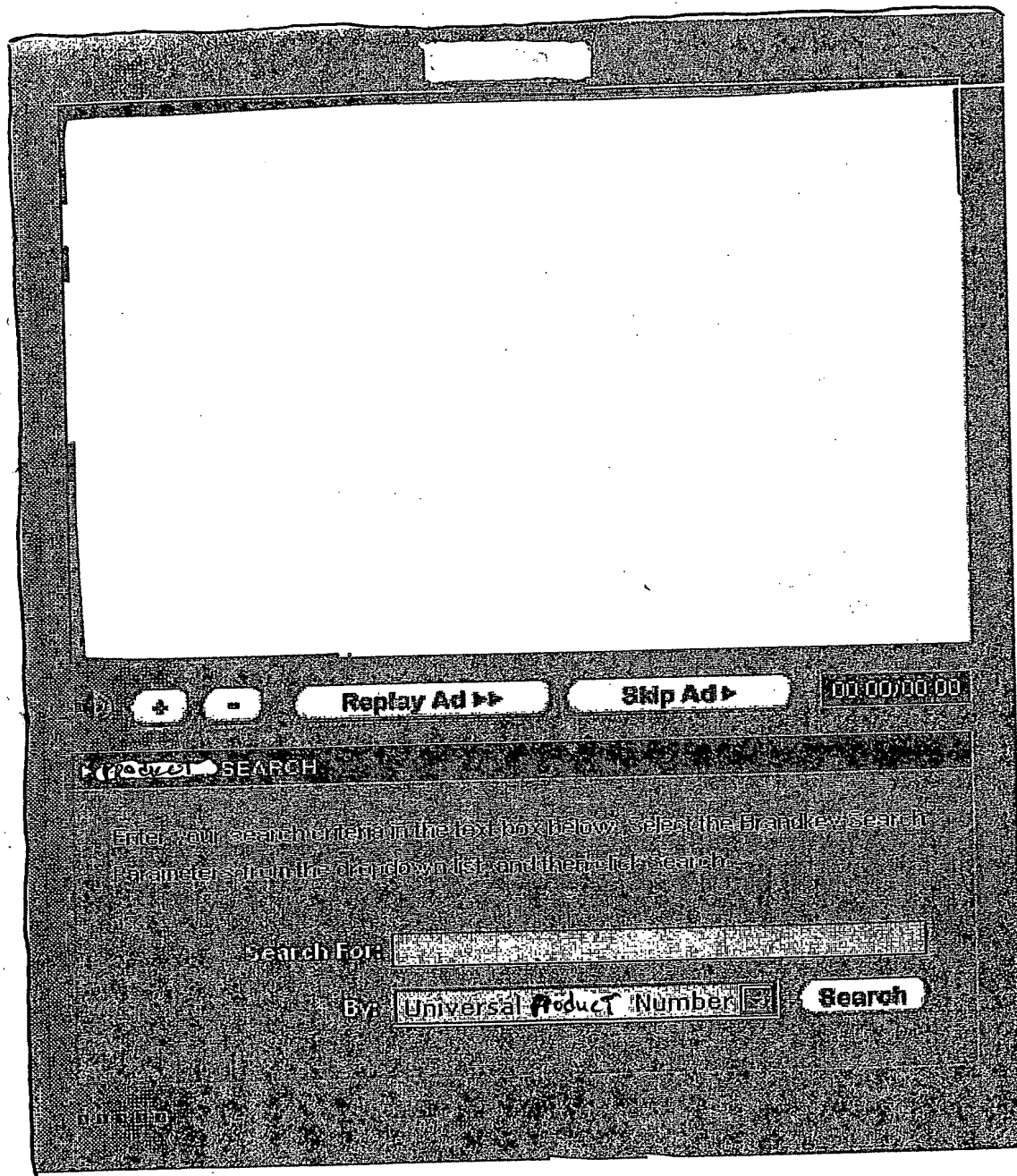


FIG. 49IS

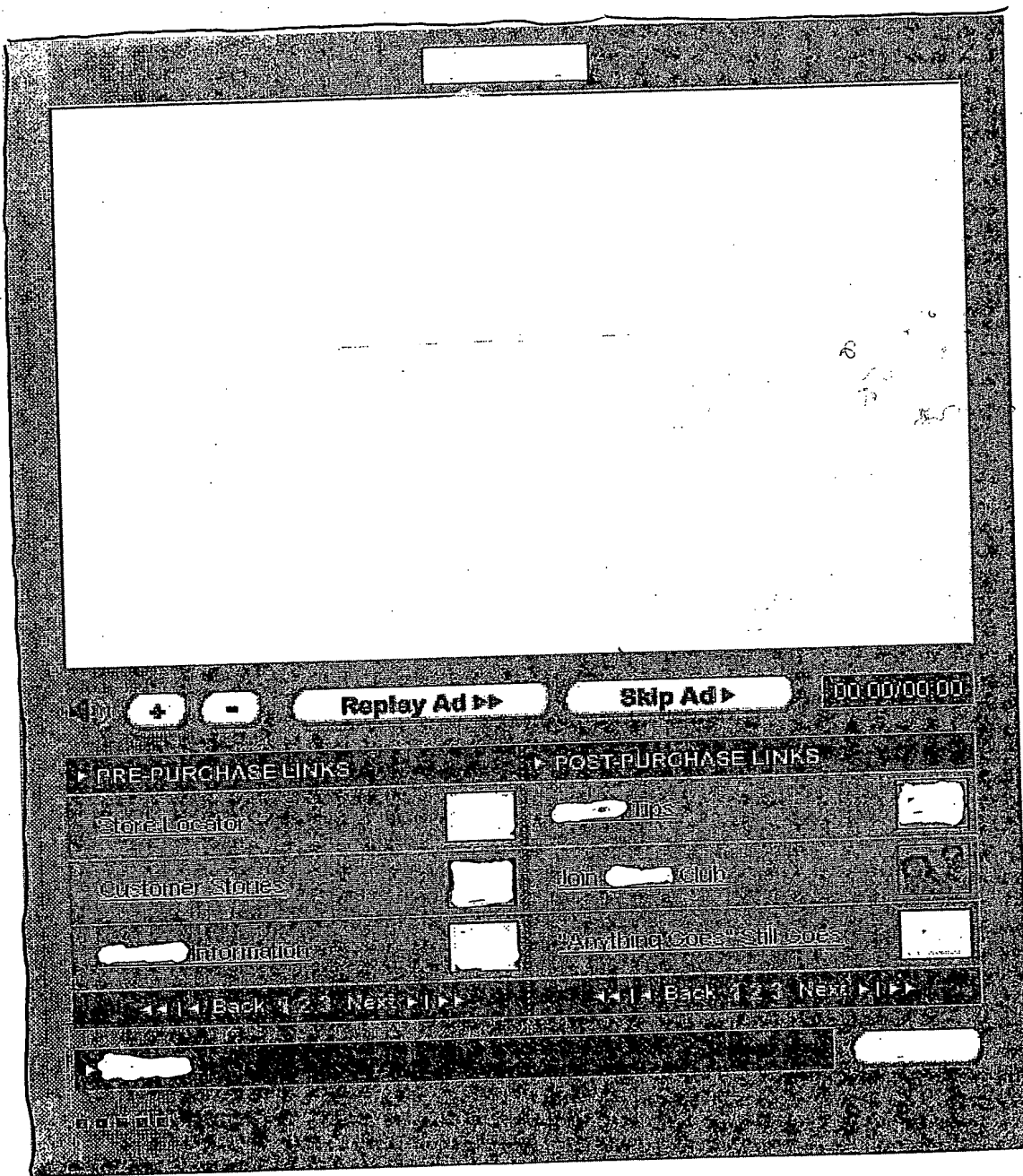


FIG. 49I6



Standard Demonstration W

Download Virtual Kiosk Tags

Client Account: DISNEY | Client Account No: 7145001 | User Name: John Smith

The setup files for the selected Corporate-Specific Virtual Kiosk(s) have been prepared. You have selected corporate-specific Virtual Kiosk(s) that are Launchable from the following environments.

Launch Environment	Selected	
HTML-Embedded Default Logo	✓	Download Tags
HTML-Embedded Document	x	Download Tags
HTML-Encoded Image	✓	Download Tags
HTML-Encoded Desktop Icon	✓	Download Tags

FIG. 49J

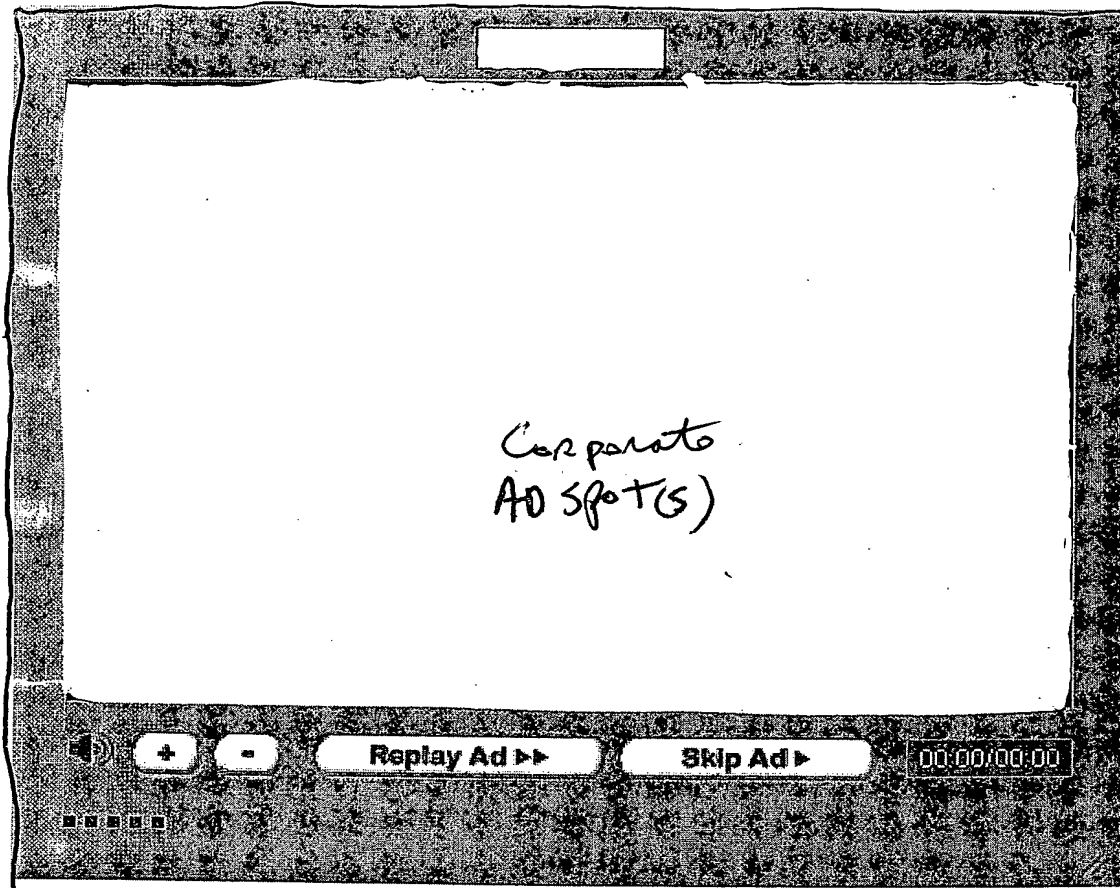


FIG. 49K1

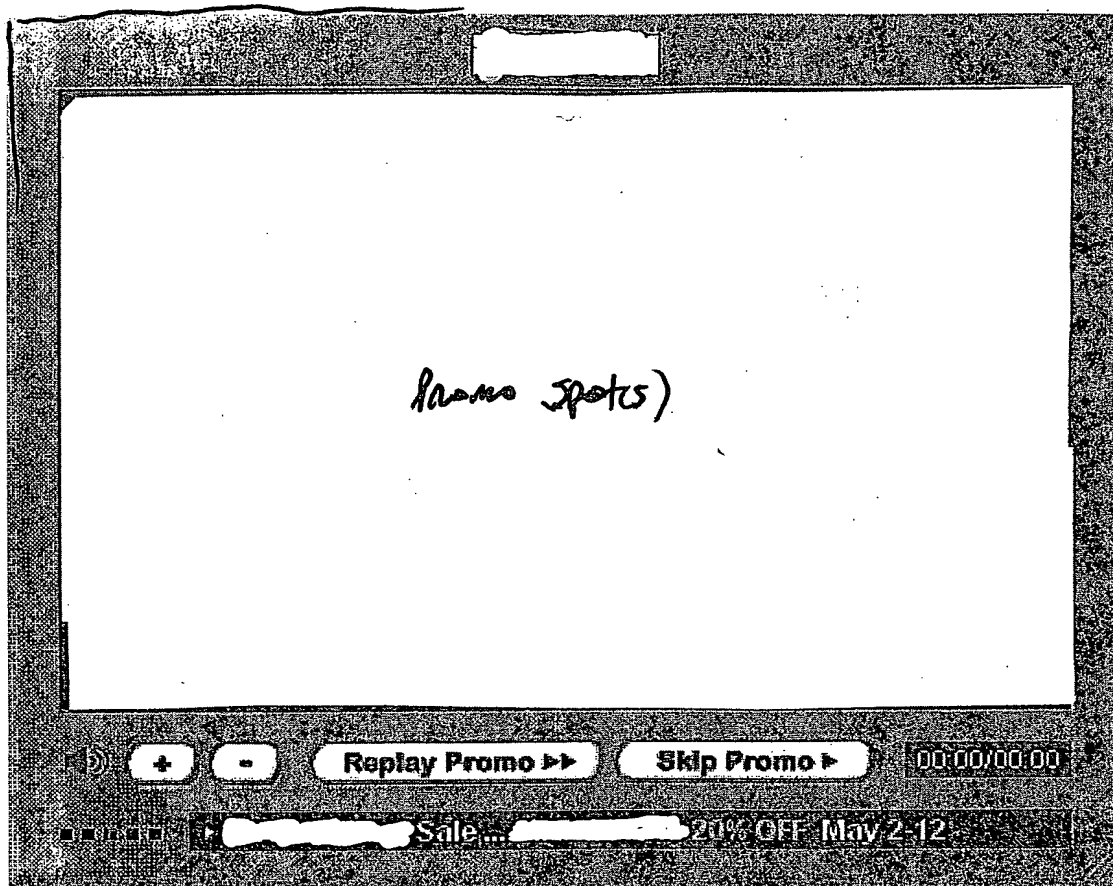


FIG. 49K2

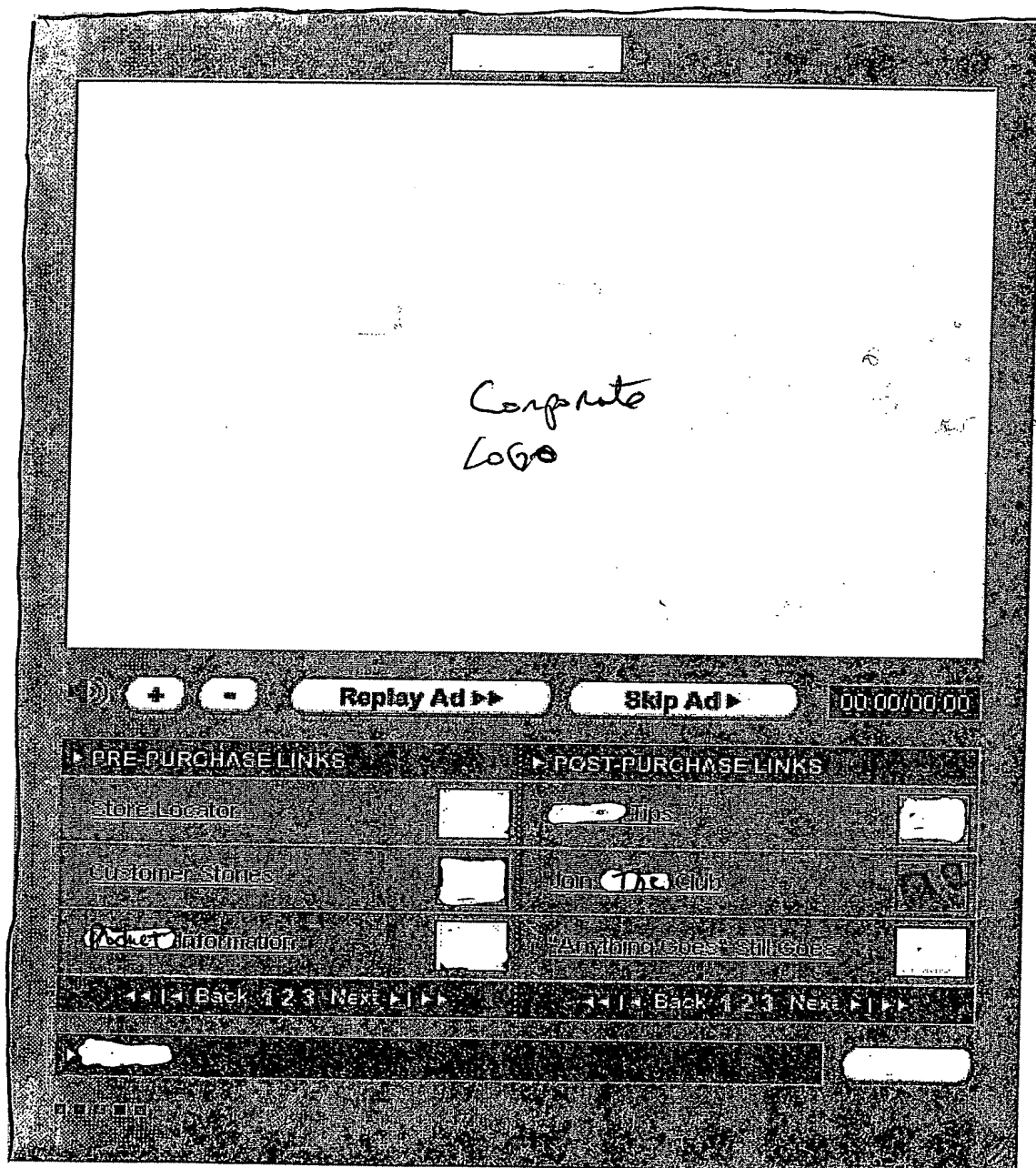


FIG. 49K3

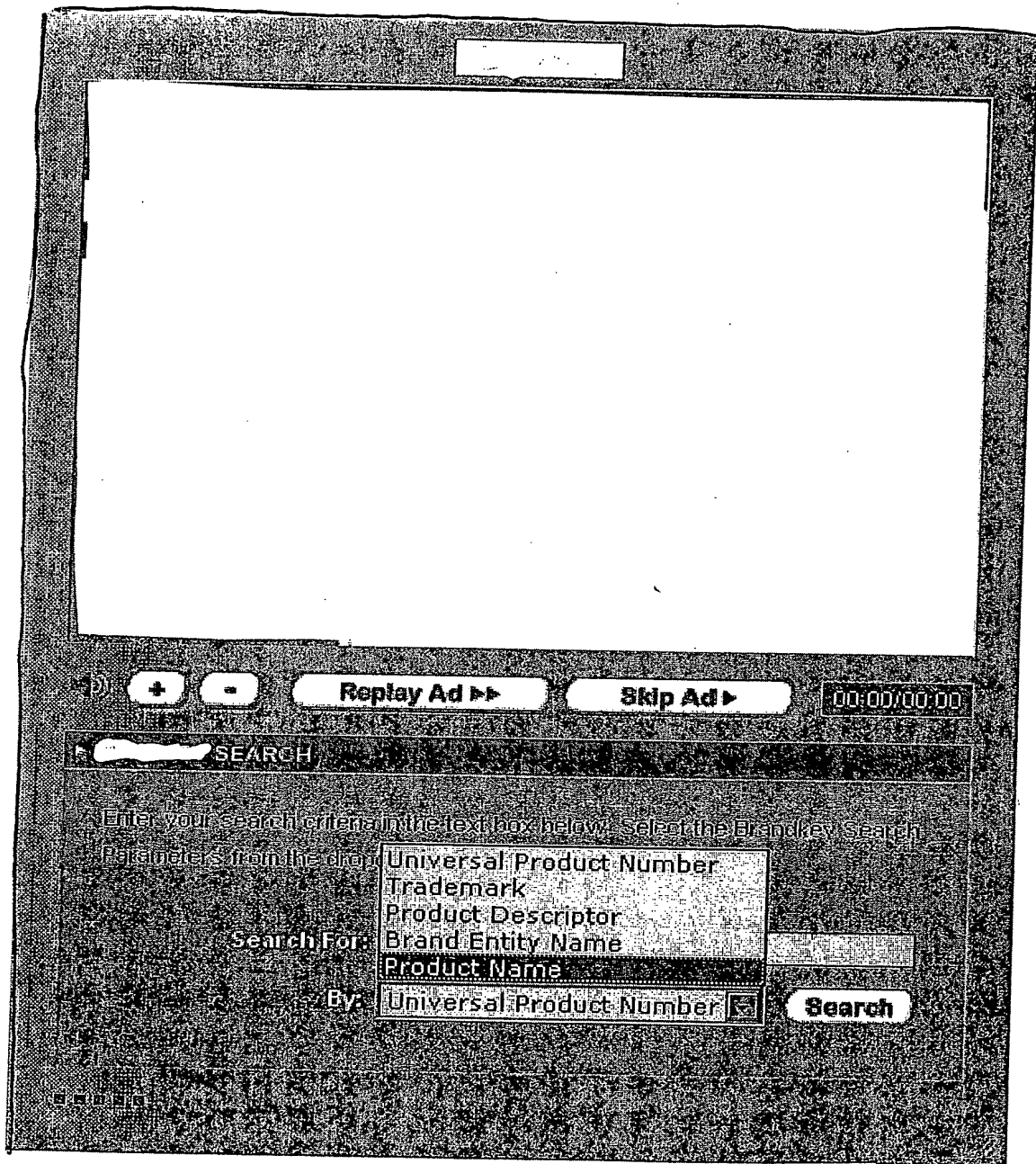


FIG. 49K4

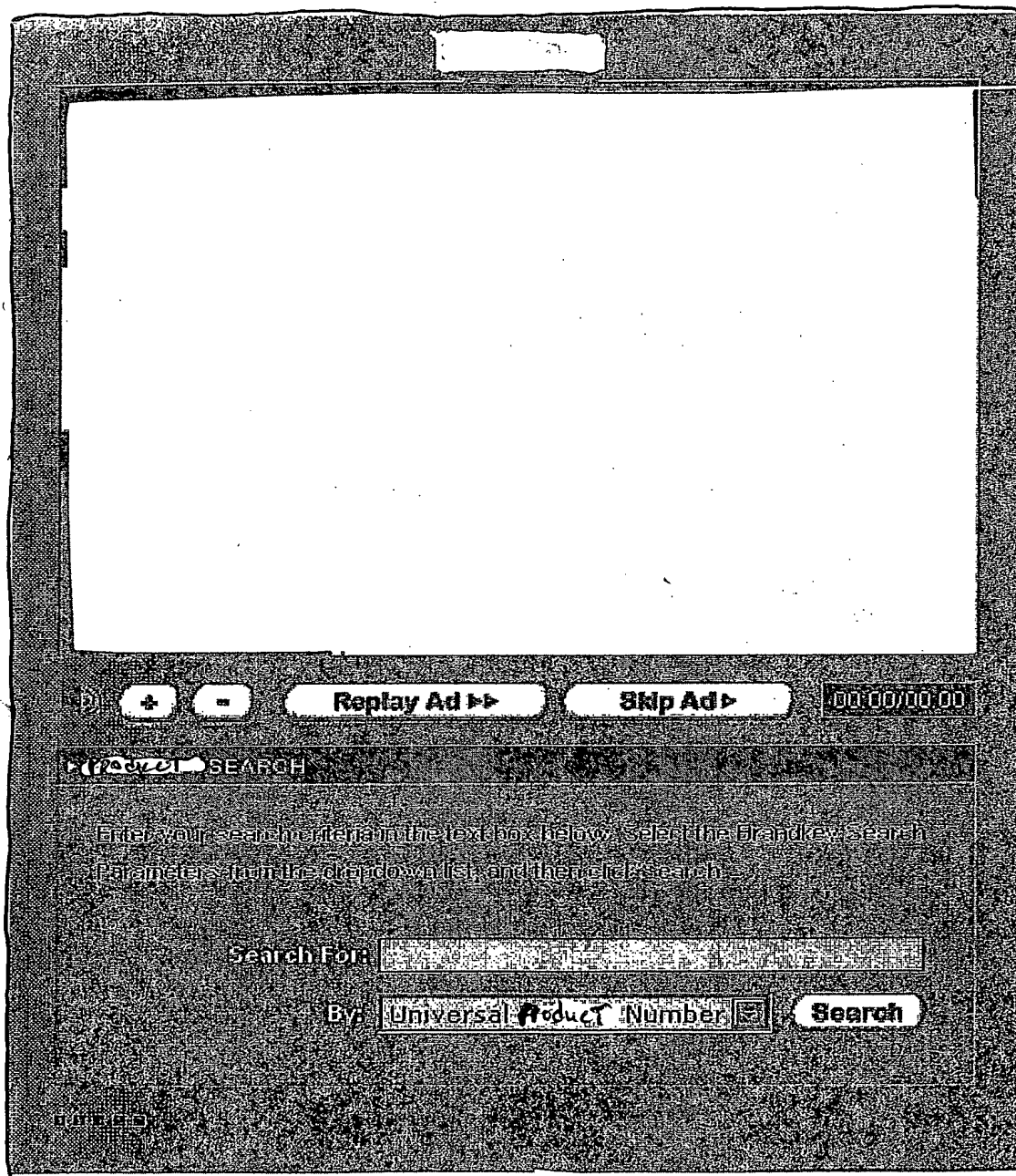


FIG. 49K5

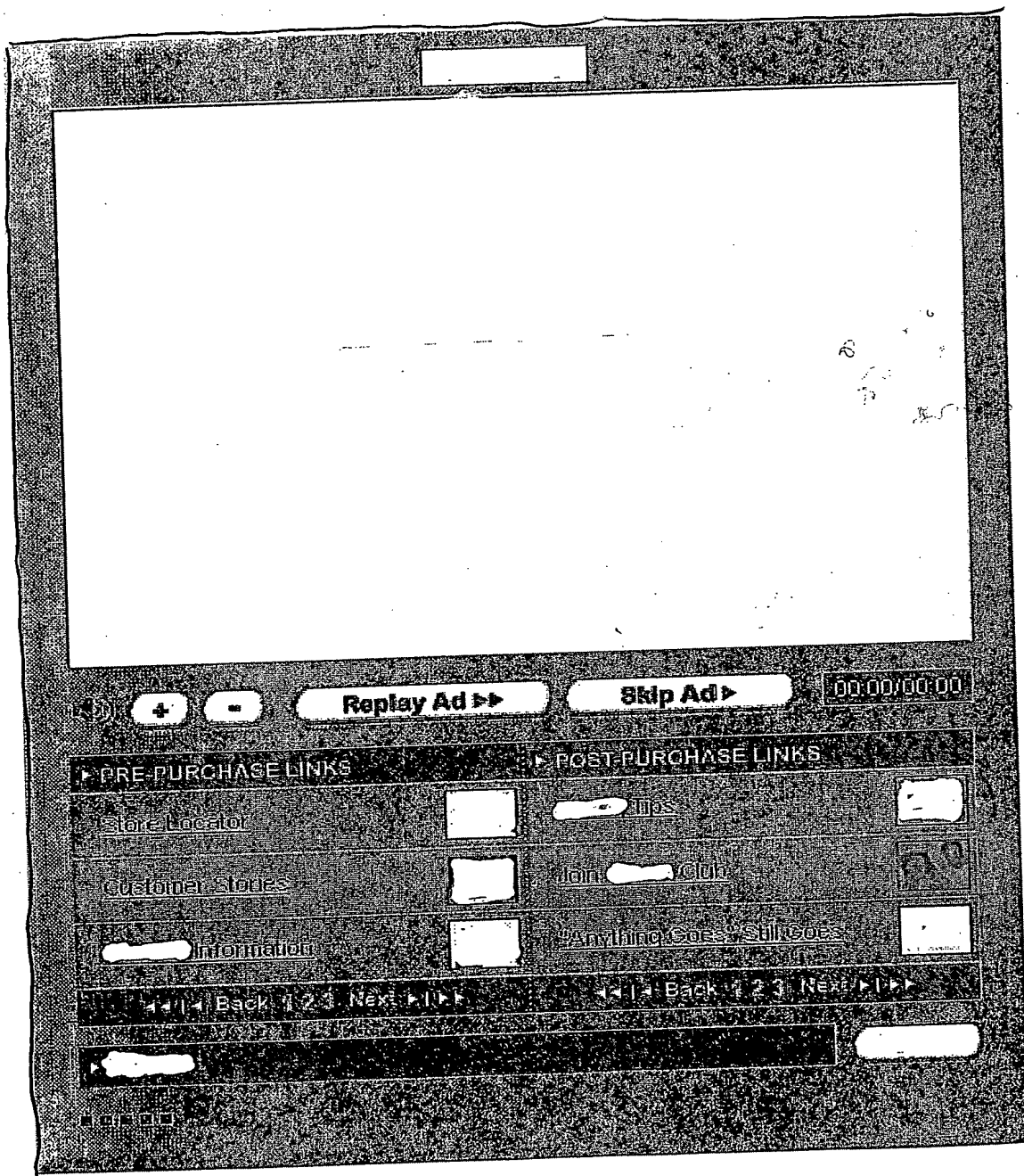


FIG. 49K6

Tutorials

► Brandkey Advertise

Advertise

Branded Products and Services

Advertise branded products and services by building, running and managing Advertising Campaigns on Multi-Mode Virtual Kiosks delivered to Consumers.

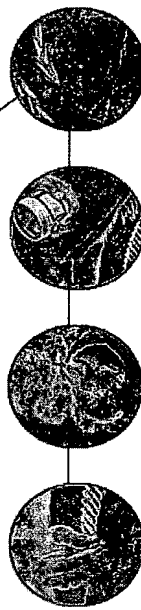
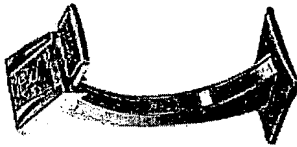


FIG. 50A



- Brand Managers
- Advertising Agents
- Promotional Agents
- Full Service Agents
- Marketing Consultants
- Brand Consultants
- Trademark Attorneys

Brandkey Advertise Subsystem Benefits - Standard Demonstration Mode

The Brandkey Advertise™ Subsystem offers brand managers and advertising agents a simple and convenient way of creating, executing and managing advertising campaigns designed to run on networks of multi-mode Virtual Kiosks deployed at Internet-based consumer touchpoints. This Brandkey™ Subsystem enables advertisers and their agents to generate Virtual Kiosk Advertising Directories specifying on which deployed virtual kiosks the advertiser and agents are permitted to run advertising campaigns while preserving the rights and obligations of the users of the Brandkey Systems™ Network.

Tutorials

Brandkey Promote

Promote

Branded Products and Services

Promote branded products and services by building, running and managing Promotional Campaigns on Multi-Mode Virtual Kiosks delivered to Consumers.

